



***WEST PENN WIRE***

" EXCEEDING EXPECTATIONS WITH PERFORMANCE "

*Coaxial Cable*  
*CCTV Cables*

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# Coaxial Cable

## CCTV RG-59/U Type

| Catalog No.                                                                                 | Description                                                                        | NEC Type                                                                           | AWG Size Stranding              | Insulation Nom. O.D.               |                          | Shield Type and % Coverage         | Nom. Cable O.D. Jacket Type |       | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. Ω | Nom. Attenuation |           |          |  |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|------------------------------------|--------------------------|------------------------------------|-----------------------------|-------|---------------------|------|--------------------|-------------|------------------|-----------|----------|--|
|                                                                                             |                                                                                    |                                                                                    | Nom. D.C.R.                     | inch                               | mm                       |                                    | inch                        | mm    | pf/ft               | pf/m |                    |             | mhZ              | db/100 ft | db/100 m |  |
| 814                                                                                         |   |   | 22 (Solid) Copper Covered Steel | .142                               | 3.61                     | Bare Copper Braid 95%              | .232                        | 5.89  | 16.2                | 53.1 | 82%                | 75          | 1                | .7        | 2.3      |  |
|                                                                                             |                                                                                    |                                                                                    | 41 Ω/M'                         | Gas Injected PE† with Tape Barrier | PVC jacket Color: Black  |                                    |                             |       |                     |      |                    |             | 5                | 1.0       | 3.3      |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 10                       |                                    | 1.2                         | 3.9   |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 50                       |                                    | 1.9                         | 6.2   |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 100                      |                                    | 2.4                         | 7.9   |                     |      |                    |             |                  |           |          |  |
| 400                                                                                         | 7.0                                                                                | 23.0                                                                               |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 700                                                                                         | 10.0                                                                               | 32.8                                                                               |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 900                                                                                         | 11.6                                                                               | 38.0                                                                               |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 1000                                                                                        | 13.24                                                                              | 14.43                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 815                                                                                         |   |   | 20 (Solid) Bare Copper          | .142                               | 3.61                     | Bare Copper Braid 95%              | .232                        | 5.89  | 16.2                | 53.1 | 82%                | 75          | 1                | .29       | .95      |  |
|                                                                                             |                                                                                    |                                                                                    | 10.1 Ω/M'                       | Gas Injected PE† with Tape Barrier | PVC jacket Color: Black  |                                    |                             |       |                     |      |                    |             | 10               | .68       | 2.23     |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 50                       |                                    | 1.80                        | 5.90  |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 150                      |                                    | 3.0                         | 9.8   |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 200                      |                                    | 3.54                        | 11.60 |                     |      |                    |             |                  |           |          |  |
| 400                                                                                         | 4.71                                                                               | 15.45                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 700                                                                                         | 6.40                                                                               | 20.99                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 900                                                                                         | 7.33                                                                               | 24.04                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 1000                                                                                        | 7.80                                                                               | 25.58                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 816                                                                                         |   |   | 22 (7 x 30) Bare Copper         | .142                               | 3.61                     | Bare Copper Braid 95%              | .232                        | 5.89  | 16.2                | 53.1 | 82%                | 75          | 1                | .5        | 1.6      |  |
|                                                                                             |                                                                                    |                                                                                    | 15 Ω/M'                         | Gas Injected PE† with Tape Barrier | PVC jacket Color: Black  |                                    |                             |       |                     |      |                    |             | 10               | .9        | 3.0      |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 50                       |                                    | 1.9                         | 6.2   |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 100                      |                                    | 2.4                         | 7.9   |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 200                      |                                    | 4.0                         | 13.1  |                     |      |                    |             |                  |           |          |  |
| 500                                                                                         | 7.5                                                                                | 24.6                                                                               |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 700                                                                                         | 8.9                                                                                | 29.2                                                                               |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 1000                                                                                        | 10.9                                                                               | 35.8                                                                               |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 815R<br> |  |  | 20 (Solid) .032 Bare Copper     | .142                               | 3.61                     | Bifoil* 100% Bare Copper Braid 95% | .232                        | 5.89  | 16.2                | 53.1 | 83%                | 75          | 1                | .29       | .95      |  |
|                                                                                             |                                                                                    |                                                                                    | 10.1 Ω/M'                       | Gas Injected PE†                   | PVC jacket Colors: Black |                                    |                             |       |                     |      |                    |             | 10               | .68       | 2.23     |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 50                       |                                    | 1.80                        | 5.90  |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 150                      |                                    | 3.0                         | 9.8   |                     |      |                    |             |                  |           |          |  |
|                                                                                             |                                                                                    |                                                                                    |                                 |                                    | 200                      |                                    | 3.54                        | 11.60 |                     |      |                    |             |                  |           |          |  |
| 400                                                                                         | 4.71                                                                               | 15.45                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 700                                                                                         | 6.40                                                                               | 20.99                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 900                                                                                         | 7.33                                                                               | 24.04                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |
| 1000                                                                                        | 7.80                                                                               | 25.58                                                                              |                                 |                                    |                          |                                    |                             |       |                     |      |                    |             |                  |           |          |  |

**Aquaseal Coaxial cables are listed on page 54.**

### NOTES:

Standard spool size 1000 feet, spools are one piece, but length may vary  $\pm$  10%

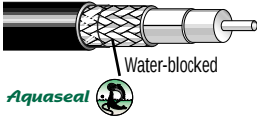
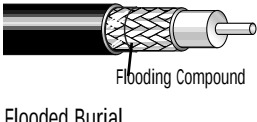
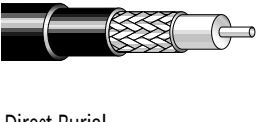
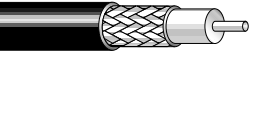
†Gas injected foam polyethylene

\*BiFoil is an aluminum polyester aluminum tape with 100% coverage

100% Sweep Tested

# Coaxial Cable

## RG-59/U Type CCTV

| Catalog No.               | Description                                                                                                              | NEC Type                                                                                                                                                               | AWG Size Stranding                 | Insulation Nom. O.D.                |      | Shield Type and % Coverage         | Nom. Cable O.D. Jacket Type                            |      | Nominal Capacitance |        | Nom. Vel. of Prop. | Nom. Imp. Ω | Nom. Attenuation |             |            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------|------|------------------------------------|--------------------------------------------------------|------|---------------------|--------|--------------------|-------------|------------------|-------------|------------|
|                           |                                                                                                                          |                                                                                                                                                                        | Nom. D.C.R.                        | inch                                | mm   |                                    | inch                                                   | mm   | pf / ft             | pf / m |                    |             | mhZ              | db / 100 ft | db / 100 m |
| AQC 815<br><div>NEW</div> | <br>Water-blocked<br><i>Aquaseal</i>    | <br> | 20 (Solid)<br>.032 Bare Copper     | .142                                | 3.61 | Bifoil* 100% Bare Copper Braid 95% | .242                                                   | 6.15 | 16.2                | 53.1   | 83%                | 75          | 1                | .29         | .95        |
|                           |                                                                                                                          |                                                                                                                                                                        | 10.1 Ω/M'                          | Gas Injected PE ‡                   |      |                                    | Sunlight resistant PVC jacket<br>Color: Black          |      |                     |        |                    |             | 10               | .68         | 2.23       |
| 5990                      | <br>Flooding Compound<br>Flooded Burial | Outdoor                                                                                                                                                                | 20 (Solid)<br>Bare Copper          | .142                                | 3.61 | Bare Copper Braid 95%              | .232                                                   | 5.89 | 16.2                | 53.1   | 82%                | 75          | 1                | .29         | .95        |
|                           |                                                                                                                          |                                                                                                                                                                        | 10.1 Ω/M'                          | Gas Injected PE ‡ with Tape Barrier |      |                                    | Sunlight resistant polyethylene jacket<br>Color: Black |      |                     |        |                    |             | 10               | .68         | 2.23       |
| 4815                      | <br>Direct Burial                       | Outdoor                                                                                                                                                                | 20 (Solid)<br>Bare Copper          | .142                                | 3.61 | Bare Copper Braid 95%              |                                                        |      | 16.2                | 53.1   | 82%                | 75          | 1                | .29         | .95        |
|                           |                                                                                                                          |                                                                                                                                                                        | 10.1 Ω/M'                          | Gas Injected PE ‡ with Tape Barrier |      |                                    | .242                                                   | 6.15 | Inner Jacket        |        | PVC Black          | 50          | 1.80             | 5.90        |            |
| 818                       | <br>Ultra Flex                         |                                                                                                                                                                        | 22 (65 x 40)<br>Bare Copper        | .142                                | 3.61 | Bare Copper Braid 95%              | .242                                                   | 6.15 | 16.2                | 53.1   | 82%                | 75          | 1                | .5          | 1.6        |
|                           |                                                                                                                          |                                                                                                                                                                        | 17 Ω/M'                            | Gas Injected PE ‡                   |      |                                    | TPE jacket<br>Color: Blue                              |      |                     |        |                    |             | 10               | .9          | 3.0        |
| 804                       |                                       |                                                                                                                                                                        | 22 (Solid)<br>Copper Covered Steel | .142                                | 3.61 | Bare Copper Braid 95%              | .242                                                   | 6.15 | 22                  | 72     | 66%                | 75          | 50               | 2.9         | 9.5        |
|                           |                                                                                                                          |                                                                                                                                                                        | 41 Ω/M'                            | Solid Polyethylene                  |      |                                    | PVC jacket<br>Color: Black                             |      |                     |        |                    |             | 100              | 3.3         | 10.8       |
|                           |                                                                                                                          |                                                                                                                                                                        |                                    |                                     |      |                                    |                                                        |      |                     |        |                    |             | 200              | 4.9         | 16.1       |
|                           |                                                                                                                          |                                                                                                                                                                        |                                    |                                     |      |                                    |                                                        |      |                     |        |                    |             | 700              | 9.8         | 32.1       |
|                           |                                                                                                                          |                                                                                                                                                                        |                                    |                                     |      |                                    |                                                        |      |                     |        |                    |             | 900              | 11.1        | 36.4       |
|                           |                                                                                                                          |                                                                                                                                                                        |                                    |                                     |      |                                    |                                                        |      |                     |        |                    |             | 1000             | 12.67       | 41.56      |

### NOTES:

Standard spool size 1000 feet, spools are one piece, but length may vary  $\pm$  10%

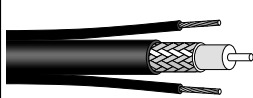
‡ Gas injected foam polyethylene

\*BiFoil is an aluminum polyester aluminum tape with 100% coverage

100% Sweep Tested, 0.3MHz to 3GHz

# Coaxial Cable

## CCTV RG-59/U Type Siamese Cable

| Catalog No.                                                                                    | Description                                                                                                                                                  | NEC Type                                                                           | AWG Size Stranding<br><br>Nom. D.C.R.                 | Insulation<br>Nom. O.D.                      |                           | Shield Type and % Coverage     | Nom. Cable O.D.<br>Jacket Type |                    | Nominal Capacitance |                                                                                                                         | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |           |          |  |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------|---------------------------|--------------------------------|--------------------------------|--------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|------------------|-----------|----------|--|
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       | inch                                         | mm                        |                                | inch                           | mm                 | pf/ft               | pf/m                                                                                                                    |                    |                    | mhZ              | db/100 ft | db/100 m |  |
| 2815B<br><br> | <br><br>Siamese Construction<br>RG-59/U plus 1 pair                         |   | 20 (Solid)<br>Bare<br>Copper<br><br>10.1 $\Omega$ /M' | .138                                         | 3.51                      | Bare<br>Copper<br>Braid<br>95% | .207<br>X<br>.465              | 5.26<br>X<br>11.81 | 16.2                | 53.1                                                                                                                    | 82%                | 75                 | 1                | .29       | .95      |  |
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       | Gas<br>Injected PE ‡<br>with<br>Tape Barrier | PVC Jacket - Color: Black |                                |                                |                    |                     | NOTE: This cable contains 1 coax unit plus<br>1 pair 18 AWG (7 x 26) unshielded                                         |                    |                    | 10               | .68       | 2.23     |  |
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       |                                              |                           |                                |                                |                    |                     |                                                                                                                         |                    |                    | 50               | 1.80      | 5.90     |  |
| 2816                                                                                           | <br><br>Siamese Construction<br>RG-59/U plus 1 pair                         |   | 22 (7 x 30)<br>Bare<br>Copper<br><br>15 $\Omega$ /M'  | .142                                         | 3.61                      | Bare<br>Copper<br>Braid<br>95% | .232<br>X<br>.460              | 5.89<br>X<br>11.68 | 16.2                | 53.1                                                                                                                    | 82%                | 75                 | 1                | .5        | 1.6      |  |
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       | Gas<br>Injected PE ‡<br>with<br>Tape Barrier | PVC Jacket - Color: Black |                                |                                |                    |                     | NOTE: This cable contains 1 coax unit plus<br>1 pair 18 AWG (7 x 26) unshielded                                         |                    |                    | 10               | .9        | 3.0      |  |
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       |                                              |                           |                                |                                |                    |                     |                                                                                                                         |                    |                    | 50               | 1.9       | 6.2      |  |
| A2815                                                                                          | <br><br>Siamese Construction<br>with sepearate web<br>RG-59/U plus 2 cond. |  | 20 (Solid )<br>Bare<br>Copper<br>10.1 $\Omega$ /M'    | .142                                         | 3.61                      | Bare<br>Copper<br>Braid<br>95% | .232<br>X<br>.420              | 5.89<br>X<br>10.67 | 16.2                | 53.1                                                                                                                    | 82%                | 75                 | 1                | .29       | .95      |  |
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       | Gas<br>Injected PE ‡<br>with<br>Tape Barrier | PVC Jacket - Color: Black |                                |                                |                    |                     | Note: This cable contains 1 coax unit plus 1 cond. Tin 18AWG<br>(7x26) unshielded, 1 cond. Bare 18AWG (7x26) unshielded |                    |                    | 10               | .68       | 2.23     |  |
|                                                                                                |                                                                                                                                                              |                                                                                    |                                                       |                                              |                           |                                |                                |                    |                     |                                                                                                                         |                    |                    | 50               | 1.80      | 5.90     |  |

## Plenecon® Plenum Cable RG-59/U Type Siamese

| Catalog No. | Description                                                                         | NEC Type                                                                            | AWG Size Stranding<br>Nom. D.C.R.                 | Insulation<br>Nom. O.D.             |      | Shield Type and % Coverage     | Nom. Cable O.D.<br>Jacket Type |                                  | Nominal Capacitance |        | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |             |            |       |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------|------|--------------------------------|--------------------------------|----------------------------------|---------------------|--------|--------------------|--------------------|------------------|-------------|------------|-------|--|--|
|             |                                                                                     |                                                                                     |                                                   | inch                                | mm   |                                | inch                           | mm                               | pf / ft             | pf / m |                    |                    | mhZ              | db / 100 ft | db / 100 m |       |  |  |
|             |                                                                                     |                                                                                     |                                                   |                                     |      |                                |                                |                                  |                     |        |                    |                    |                  |             |            |       |  |  |
| 252815      |  |  | 20 (Solid)<br>Bare<br>Copper                      | .138                                | 3.51 | Bare<br>Copper<br>Braid<br>95% | .207<br>x<br>.465              | 5.26<br>x<br>11.81               | 16.2                | 53.1   | 82%                | 75                 | 1                | .30         | .99        |       |  |  |
|             |                                                                                     |                                                                                     | 10.1 $\Omega$ /M'                                 | Foam<br>FEP<br>with<br>Tape Barrier |      |                                |                                |                                  |                     |        |                    |                    | 10               | .68         | 2.23       |       |  |  |
|             |                                                                                     |                                                                                     | 18 (7 x 26)<br>Bare<br>Copper<br>6.6 $\Omega$ /M' | .007                                | .33  |                                | Twisted<br>Pair<br>Unshielded  | PVC Plenum jacket<br>Color: Gray |                     |        |                    |                    |                  | 200         | 2.52       | 8.27  |  |  |
|             |                                                                                     |                                                                                     |                                                   |                                     |      |                                |                                |                                  |                     |        |                    |                    |                  | 400         | 3.91       | 12.84 |  |  |
|             |                                                                                     |                                                                                     |                                                   |                                     |      |                                |                                |                                  |                     |        |                    |                    | 700              | 7.24        | 23.76      |       |  |  |
|             |                                                                                     |                                                                                     |                                                   |                                     |      |                                |                                |                                  |                     |        |                    |                    | 900              | 8.29        | 27.19      |       |  |  |
|             |                                                                                     |                                                                                     |                                                   |                                     |      |                                |                                |                                  |                     |        |                    |                    | 1000             | 8.76        | 28.73      |       |  |  |

### NOTES:

Standard spool size 1000 feet,  
spools are one piece, but length may vary  $\pm 10\%$   
‡ Gas injected foam polyethylene,  
100% Sweep Tested

# Coaxial Cable

## RG-59/U Plenum Type and MiniMax Miniature CCTV

### RG59/u Plenecon® Plenum Cable Flexible

| Catalog No. | Description                                                                               | NEC Type                                                                          | AWG Size Stranding<br>Nom. D.C.R.                  | Insulation<br>Nom. O.D. |      | Shield Type and % Coverage | Nom. Cable O.D.<br>Jacket Type |      | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |           |          |
|-------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|-------------------------|------|----------------------------|--------------------------------|------|---------------------|------|--------------------|--------------------|------------------|-----------|----------|
|             |                                                                                           |                                                                                   |                                                    | inch                    | mm   |                            | inch                           | mm   | pf/ft               | pf/m |                    |                    | mhZ              | db/100 ft | db/100 m |
| 25814       | <br>CCTV |  | 22 (Solid) Copper Covered Steel<br>41 $\Omega$ /M' | .135                    | 3.43 | Bare Copper Braid 95%      | .199                           | 5.05 | 16.2                | 53.1 | 82%                | 75                 | 1                | .45       | 1.5      |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 10               | .95       | 3.1      |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 50               | 2.1       | 6.9      |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 100              | 3.0       | 9.8      |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 200              | 4.4       | 14.6     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 400              | 7.3       | 23.9     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 700              | 8.9       | 29.2     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 900              | 10.3      | 33.8     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 1000             | 11.0      | 36.08    |
| 25815       | <br>CCTV |  | 20 (Solid) Bare Copper<br>10.1 $\Omega$ /M'        | .138                    | 3.51 | Bare Copper Braid 95%      | .207                           | 5.26 | 16.2                | 53.1 | 82%                | 75                 | 1                | .30       | .99      |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 10               | .68       | 2.23     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 50               | 1.80      | 5.90     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 100              | 2.52      | 8.27     |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 200              | 3.91      | 12.84    |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 400              | 5.30      | 17.38    |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 700              | 7.24      | 23.76    |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 900              | 8.29      | 27.19    |
|             |                                                                                           |                                                                                   |                                                    |                         |      |                            |                                |      |                     |      |                    |                    | 1000             | 8.76      | 28.73    |

### Minimax Miniature 75 $\Omega$ CCTV Video Coax

| Minimax Miniature 75 Ω CCTV Video Coax |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             |                  |           |          |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------|------|----------------------------|--------------------------------------------------------------------------|-------------------|---------------------|------|--------------------|-------------|------------------|-----------|----------|
| Catalog No.                            | Description                                                                                                                                       | NEC Type                                                                                                                                                                       | AWG Size Stranding<br>Nom. D.C.R. | Insulation<br>Nom. O.D. |      | Shield Type and % Coverage | Nom. Cable O.D.<br>Jacket Type                                           |                   | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. Ω | Nom. Attenuation |           |          |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   | inch                    | mm   |                            | inch                                                                     | mm                | pf/ft               | pf/m |                    |             | mhZ              | db/100 ft | db/100 m |
| 825                                    | <br><br>MINIMAX Miniature Coax Pro Video                       | <br><br> | 25 (Solid) Bare Copper            | .085                    | 2.16 | Bare Copper Braid 95%      | .146                                                                     | 3.71              | 16.2                | 53.1 | 82%                | 75          | 1                | .5        | 1.64     |
|                                        |                                                                                                                                                   |                                                                                                                                                                                | 30 Ω/M'                           | Gas Injected PE ‡       |      |                            | PVC jacket<br>Colors: Black, Red, Green, Blue, White, Yellow             |                   |                     |      |                    |             | 10               | 1.80      | 5.90     |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 50               | 3.12      | 10.23    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 100              | 4.19      | 13.75    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 200              | 5.79      | 19.00    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 400              | 8.59      | 28.18    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 700              | 11.14     | 36.53    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 900              | 13.22     | 43.36    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 1000             | 14.41     | 47.26    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             |                  |           |          |
| 25825                                  | <br><br>MINIMAX Miniature Coax Pro Video                       | <br><br> | 25 (Solid) Bare Copper            | .078                    | 1.98 | Bare Copper Braid 95%      | .146                                                                     | 3.71              | 16.2                | 53.1 | 80%                | 75          | 1                | .5        | 1.64     |
|                                        |                                                                                                                                                   |                                                                                                                                                                                | 30 Ω/M'                           | Foam FEP                |      |                            | Flexible plenum jacket<br>Colors: Black, Red, Green, Blue, White, Yellow |                   |                     |      |                    |             | 10               | 1.80      | 5.90     |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 50               | 3.12      | 10.23    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 100              | 4.40      | 14.43    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 200              | 6.41      | 21.03    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 400              | 9.66      | 31.70    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 700              | 12.61     | 41.36    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 900              | 14.95     | 49.04    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 1000             | 16.18     | 53.07    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             |                  |           |          |
| 45825                                  | <br><br>Siamese Construction Minimax Coax plus 1 Pair Shielded |                                                                                             | 25 (Solid) Bare Copper            | .085                    | 2.16 | Bare Copper Braid 95%      | .146<br>X<br>.302                                                        | 3.71<br>X<br>7.67 | 16.2                | 53.1 | 82%                | 75          | 1                | .5        | 1.64     |
|                                        |                                                                                                                                                   |                                                                                                                                                                                | 30 Ω/M'                           | Gas Injected PE ‡       |      |                            | PVC jacket - Colors: Black, White                                        |                   |                     |      |                    |             | 10               | 1.80      | 5.90     |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 50               | 3.12      | 10.23    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 100              | 4.19      | 13.75    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 200              | 5.79      | 19.00    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 400              | 8.59      | 28.18    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 700              | 11.14     | 36.53    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 900              | 13.22     | 43.36    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             | 1000             | 14.41     | 47.26    |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             |                  |           |          |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            | NOTE: This cable contains 1 coax unit plus 1 pair 22 AWG shielded        |                   |                     |      |                    |             |                  |           |          |
|                                        |                                                                                                                                                   |                                                                                                                                                                                |                                   |                         |      |                            |                                                                          |                   |                     |      |                    |             |                  |           |          |

#### NOTES:

Standard spool size 1000 feet, spools are one piece, but length may vary  $\pm 10\%$

‡ Gas injected foam polyethylene

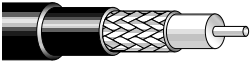
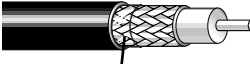
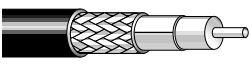
\* BiFoil is an aluminum polyester aluminum tape with 100% coverage

100% Sweep Tested

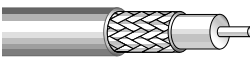
**WEST PENN WIRE**

# Coaxial Cable

## CCTV RG-6/U Type

| Catalog No. | Description                                                                         | NEC Type                                                                            | AWG Size Stranding<br>Nom. D.C.R.               | Insulation<br>Nom. O.D. |      | Shield Type and % Coverage                | Nom. Cable O.D.<br>Jacket Type |      | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |           |          |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------|------|-------------------------------------------|--------------------------------|------|---------------------|------|--------------------|--------------------|------------------|-----------|----------|
|             |                                                                                     |                                                                                     |                                                 | inch                    | mm   |                                           | inch                           | mm   | pf/ft               | pf/m |                    |                    | mhz              | db/100 ft | db/100 m |
| 806         |    |    | 18 (Solid) Bare Copper<br>6.5 $\Omega$ /M'      | .180                    | 4.57 | Bare Copper Braid 95%                     | .270                           | 6.86 | 16.2                | 53.1 | 82%                | 75                 | 1                | .24       | .78      |
|             |                                                                                     |                                                                                     |                                                 |                         |      |                                           |                                |      |                     |      |                    |                    | 10               | .52       | 1.71     |
| 4806        |    | Outdoor                                                                             | 18 (Solid) Bare Copper<br>6.5 $\Omega$ /M'      | .180                    | 4.57 | Bare Copper Braid 95%                     | .280                           | 7.11 | 16.2                | 53.1 | 82%                | 75                 | 1                | .24       | .78      |
|             |                                                                                     |                                                                                     |                                                 |                         |      |                                           |                                |      |                     |      |                    |                    | 10               | .52       | 1.71     |
| 6325        |    | Outdoor                                                                             | 18 (Solid) Bare Copper<br>6.5 $\Omega$ /M'      | .180                    | 4.57 | Bare Copper Braid 95%                     | .270                           | 6.86 | 16.2                | 53.1 | 82%                | 75                 | 1                | .24       | .78      |
|             |                                                                                     |                                                                                     |                                                 |                         |      |                                           |                                |      |                     |      |                    |                    | 10               | .52       | 1.71     |
| 2806B       |   |   | 18 (Solid) .040 Bare Copper<br>6.5 $\Omega$ /M' | .180                    | 4.57 | BiFoil* 100% plus Bare Copper Braid 95%   | .280                           | 7.11 | 16.2                | 53.1 | 82%                | 75                 | 1                | .24       | .78      |
|             |                                                                                     |                                                                                     |                                                 |                         |      |                                           |                                |      |                     |      |                    |                    | 10               | .52       | 1.71     |
| 6373        |  |  | 18 (Solid) Bare Copper<br>6.5 $\Omega$ /M'      | .180                    | 4.57 | BiFoil* 100% plus Tinned Copper Braid 61% | .270                           | 6.86 | 16.2                | 53.1 | 82%                | 75                 | 1                | .24       | .78      |
|             |                                                                                     |                                                                                     |                                                 |                         |      |                                           |                                |      |                     |      |                    |                    | 10               | .52       | 1.71     |

## Plenecon® Plenum Cable Extra Flexible RG-6/U Type

| Catalog No. | Description                                                                         | NEC Type                                                                            | AWG Size Stranding<br>Nom. D.C.R.          | Insulation<br>Nom. O.D. |      | Shield Type and % Coverage | Nom. Cable O.D.<br>Jacket Type |      | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |           |          |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|-------------------------|------|----------------------------|--------------------------------|------|---------------------|------|--------------------|--------------------|------------------|-----------|----------|
|             |                                                                                     |                                                                                     |                                            | inch                    | mm   |                            | inch                           | mm   | pf/ft               | pf/m |                    |                    | mhz              | db/100 ft | db/100 m |
| 25806       |  |  | 18 (Solid) Bare Copper<br>6.5 $\Omega$ /M' | .170                    | 4.32 | Bare Copper Braid 95%      | .236                           | 5.99 | 16.2                | 53.1 | 82%                | 75                 | 1                | .24       | .78      |
|             |                                                                                     |                                                                                     |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 10               | .52       | 1.71     |

### NOTES:

Standard spool size 1000 feet,  
spools are one piece, but length may vary 10%  
‡ Gas injected foam polyethylene,  
100% Sweep Tested

# Coaxial Cable

## RG-11/U Type CCTV

| Catalog No. | Description                                                                        | NEC Type | AWG Size Stranding<br>Nom. D.C.R.             | Insulation<br>Nom. O.D. |      | Shield Type and % Coverage | Nom. Cable O.D.<br>Jacket Type |       | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |           |          |
|-------------|------------------------------------------------------------------------------------|----------|-----------------------------------------------|-------------------------|------|----------------------------|--------------------------------|-------|---------------------|------|--------------------|--------------------|------------------|-----------|----------|
|             |                                                                                    |          |                                               | inch                    | mm   |                            | inch                           | mm    | pf/ft               | pf/m |                    |                    | mhZ              | db/100 ft | db/100 m |
| 811         |   | CL2      | 14 (Solid) Bare Copper<br>2.6 $\Omega$ /M'    | .280                    | 7.11 | Bare Copper Braid 95%      | .405                           | 10.29 | 16.2                | 53.1 | 82%                | 75                 | 1                | .16       | .51      |
|             |                                                                                    |          |                                               |                         |      |                            |                                |       |                     |      |                    |                    | 10               | .35       | 1.16     |
| 4811        |   | Outdoor  | 14 (Solid) Bare Copper<br>2.6 $\Omega$ /M'    | .280                    | 7.11 | Bare Copper Braid 95%      | .405                           | 10.29 | 16.2                | 53.1 | 82%                | 75                 | 50               | .87       | 2.87     |
|             |                                                                                    |          |                                               |                         |      |                            |                                |       |                     |      |                    |                    | 100              | 1.38      | 4.51     |
| 1130        |   | Outdoor  | 14 (Solid) Bare Copper<br>2.6 $\Omega$ /M'    | .280                    | 7.11 | Bare Copper Braid 95%      | .405                           | 10.29 | 16.2                | 53.1 | 82%                | 75                 | 200              | 1.98      | 6.50     |
|             |                                                                                    |          |                                               |                         |      |                            |                                |       |                     |      |                    |                    | 400              | 2.95      | 9.67     |
| 801         |  |          | 18 (7 x 26) Tinned Copper<br>2.6 $\Omega$ /M' | .280                    | 7.11 | Bare Copper Braid 95%      | .405                           | 10.29 | 22                  | 72   | 66%                | 75                 | 700              | 4.00      | 13.13    |
|             |                                                                                    |          |                                               |                         |      |                            |                                |       |                     |      |                    |                    | 900              | 4.54      | 14.89    |

## Plenecon® Plenum Cable RG-11/U Type

| Catalog No.       | Description                                                                         | NEC Type | AWG Size Stranding<br>Nom. D.C.R.          | Insulation<br>Nom. O.D. |      | Shield Type and % Coverage | Nom. Cable O.D.<br>Jacket Type |      | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. $\Omega$ | Nom. Attenuation |           |          |
|-------------------|-------------------------------------------------------------------------------------|----------|--------------------------------------------|-------------------------|------|----------------------------|--------------------------------|------|---------------------|------|--------------------|--------------------|------------------|-----------|----------|
|                   |                                                                                     |          |                                            | inch                    | mm   |                            | inch                           | mm   | pf/ft               | pf/m |                    |                    | mhZ              | db/100 ft | db/100 m |
| 25811             |  | CL2P     | 14 (Solid) Bare Copper<br>2.6 $\Omega$ /M' | .280                    | 7.11 | Bare Copper Braid 95%      | .352                           | 8.94 | 16                  | 52   | 82%                | 75                 | 1                | .16       | .51      |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 10               | .35       | 1.16     |
| CCTV RG-11/U Type |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 50               | .87       | 2.87     |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 100              | 1.44      | 4.74     |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 200              | 2.19      | 7.19     |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 400              | 3.32      | 10.88    |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 700              | 4.53      | 14.86    |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 900              | 5.14      | 16.84    |
|                   |                                                                                     |          |                                            |                         |      |                            |                                |      |                     |      |                    |                    | 1000             | 5.35      | 17.55    |

### NOTES:

Standard spool size 1000 feet, spools are one piece, but length may vary  $\pm$  10%

‡ Gas injected foam polyethylene

\* BiFoil is an aluminum polyester aluminum tape with 100% coverage  
100% Sweep Tested

# Twisted Pair Video Cables

## V/CAT Cables - Video Over UTP

West Penn Wire introduces its new line of UTP security cables. V/CAT (Video over Category 5E cables) are designed for the video over UTP applications. The cables are constructed with two pairs of UTP Category 5E type, and two conductors of either 18 or 16 Awg.

- **Pair 1 - Category 5E Type 100Ω**  
Category 5E type. The first pair is used for video transmission.
- **Pair 2 - Category 5E Type 100Ω**  
Category 5E type. The second pair is for video transmission or data transmission, such as RS-422 or RS-485 or PTZ for the cameras.
- **Two Conductors - The 18 or 16 Awg. solid bare conductors are used to carry power to the cameras.**

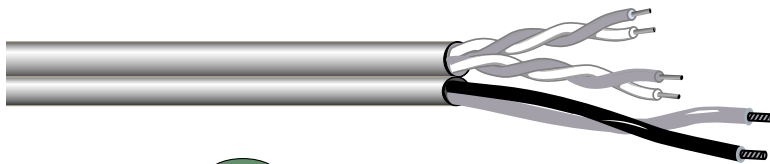
V/CAT Unshielded twisted pairs are 100 Ω balanced cables. The UTP's are tightly twisted to prevent outside interference (EMI/RFI) and internal interference from the other pair, and conductors.

V/CAT power carrying conductors are available in either 18 Awg. or 16 Awg. The 16 Awg. conductors are used for extremely long video over UTP runs.

V/CAT cables are available in Plenum or Riser constructions. The cables carry UL and C(UL) listing CMR and/or CMP.

V/CAT Characteristics:

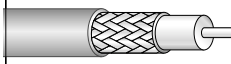
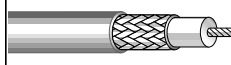
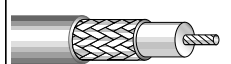
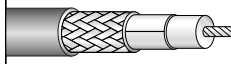
- Send power and video signals over the same shared sheath.
- Supports: Video/ PTZ/ Power  
Two video / Power
- Plenum and Riser constructions



**NEW**

| Catalog No.<br>&<br>Rating | Cable Type                                       | NEC<br>Rating                                                                       | Dielectric<br>Material  | Jacket Type<br>Nom. Cable O.D. |      | Nom. Ω<br>2 pair<br>UTP | 2 pair Nom.<br>Capacitance |        |
|----------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|--------------------------------|------|-------------------------|----------------------------|--------|
|                            |                                                  |                                                                                     |                         | inch                           | mm.  |                         | pf / ft                    | pf / m |
| CC2418                     | 2 Pair 24 Awg. UTP<br>2 Cond. 18 Awg. Unshielded |  | Thermoplastic           | .185                           | 4.70 | 100 Ω                   | 14                         | 46     |
|                            |                                                  |                                                                                     |                         | PVC - Gray                     |      |                         |                            |        |
| CC252418                   | 2 Pair 24 Awg. UTP<br>2 Cond. 18 Awg. Unshielded |  | Plenum<br>Thermoplastic | .181                           | 4.60 | 100 Ω                   | 14                         | 46     |
|                            |                                                  |                                                                                     |                         | Plenum - Gray                  |      |                         |                            |        |
| CC2416                     | 2 Pair 24 Awg. UTP<br>2 Cond. 16 Awg. Unshielded |  | Thermoplastic           | .196                           | 5.00 | 100 Ω                   | 14                         | 46     |
|                            |                                                  |                                                                                     |                         | PVC - Gray                     |      |                         |                            |        |
| CC252416                   | 2 Pair 24 Awg. UTP<br>2 Cond. 16 Awg. Unshielded |  | Plenum<br>Thermoplastic | .192                           | 4.90 | 100 Ω                   | 14                         | 46     |
|                            |                                                  |                                                                                     |                         | Plenum - Gray                  |      |                         |                            |        |

## Miscellaneous Cable RF Transmission/ Broadcast

| Catalog No. | Description                                                                                                        | NEC Type                                                                            | AWG Size Stranding         | Insulation Nom. O.D. |      | Shield Type and % Coverage                  | Nom. Cable O.D. Jacket Type            |       | Nominal Capacitance |      | Nom. Vel. of Prop. | Nom. Imp. Ω | Nom. Attenuation                                   |                                                       |                                                            |
|-------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|----------------------|------|---------------------------------------------|----------------------------------------|-------|---------------------|------|--------------------|-------------|----------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|
|             |                                                                                                                    |                                                                                     | Nom. D.C.R.                | inch                 | mm   |                                             | inch                                   | mm    | pf/ft               | pf/m |                    |             | mhZ                                                | db/ 100 ft                                            | db/ 100 m                                                  |
| 812         | <br>RG-58A/U Type                 |                                                                                     | 20 (19 x 32) Tinned Copper | .116                 | 2.95 | Tinned Copper Braid 95%                     | .195                                   | 4.95  | 25                  | 82   | 78%                | 50          | 50<br>100<br>200<br>400<br>500<br>900              | 3.5<br>4.8<br>6.9<br>10.1<br>11.3<br>15.5             | 11.5<br>15.7<br>22.6<br>33.1<br>37.1<br>50.8               |
|             |                                                                                                                    |                                                                                     | 8.8Ω/M'                    | Foam Polyethylene    |      |                                             | PVC jacket<br>Color: Black             |       |                     |      |                    |             |                                                    |                                                       |                                                            |
| 813         | <br>RG-58/U Type                  |                                                                                     | 20 (Solid) Tinned Copper   | .116                 | 2.95 | Tinned Copper Braid 95%                     | .195                                   | 4.95  | 26                  | 85   | 78%                | 50          | 50<br>100<br>200<br>400<br>500<br>900              | 3.2<br>4.1<br>6.2<br>9.5<br>10.4<br>14.5              | 10.5<br>13.4<br>20.3<br>31.2<br>34.1<br>47.6               |
|             |                                                                                                                    |                                                                                     | 10.1Ω/M'                   | Foam Polyethylene    |      |                                             | PVC jacket<br>Color: Black             |       |                     |      |                    |             |                                                    |                                                       |                                                            |
| 25812       | <br>RG-58/U Type                  |    | 20 (19 x 32) Tinned Copper | .102                 | 2.59 | Tinned Copper Braid 95%                     | .158                                   | 4.01  | 25                  | 82   | 82%                | 50          | 10<br>50<br>100<br>200<br>300<br>500<br>700<br>900 | 1.4<br>2.2<br>3.1<br>4.5<br>5.7<br>7.6<br>9.2<br>10.6 | 4.6<br>7.2<br>10.2<br>14.8<br>18.7<br>24.9<br>30.2<br>34.8 |
|             |                                                                                                                    |                                                                                     | 8.8Ω/M'                    | Foam FEP             |      |                                             | Flexible Plenum jacket<br>Color: Ivory |       |                     |      |                    |             |                                                    |                                                       |                                                            |
| 810         | <br>RG-8/U Type                 |                                                                                     | 13 (7x21) Bare Copper      | .280                 | 7.11 | Bare Copper Braid 95%                       | .405                                   | 10.29 | 26                  | 85   | 82%                | 50          | 50<br>100<br>200<br>300<br>400                     | 1.3<br>1.8<br>2.6<br>3.4<br>3.9                       | 4.3<br>5.9<br>8.5<br>11.2<br>12.8                          |
|             |                                                                                                                    |                                                                                     | 1.9Ω/M'                    | Gas injected PE      |      |                                             | PVC jacket<br>Color: Black             |       |                     |      |                    |             |                                                    |                                                       |                                                            |
| 25810       | <br>RG-8/U Type                 |  | 13 (7x21) Bare Copper      | .280                 | 7.11 | Bare Copper Braid 95%                       | .352                                   | 8.94  | 25                  | 82   | 82%                | 50          | 50<br>100<br>200<br>300<br>500<br>700<br>900       | .94<br>1.4<br>2.1<br>2.8<br>3.8<br>4.8<br>5.7         | .7<br>2.0<br>3.6<br>4.9<br>9.5<br>15.7<br>34.4             |
|             |                                                                                                                    |                                                                                     | 1.9Ω/M'                    | Foam FEP             |      |                                             | Copolymer<br>Color: Natural            |       |                     |      |                    |             |                                                    |                                                       |                                                            |
| 808F        | <br>RG-8/U Type Flexible Design |                                                                                     | 10 (19x23) Bare Copper     | .285                 | 7.24 | Bonded Bifoil 100% +Tinned Copper Braid 90% | .405                                   | 10.29 | 24.5                | 80.4 | 84%                | 50          | 1<br>10<br>50<br>100<br>400<br>1000<br>4000        | .2<br>.6<br>1.1<br>1.5<br>2.9<br>4.8<br>10.5          | .7<br>2.0<br>3.6<br>4.9<br>9.5<br>15.7<br>34.4             |
|             |                                                                                                                    |                                                                                     | 1.15 Ω/M'                  | Gas injected PE      |      |                                             | Polyurethane Jacket<br>Color: Black    |       |                     |      |                    |             |                                                    |                                                       |                                                            |
| 807         | <br>RG-8/X Type Flexible Design |  | 16 (19x29) Bare Copper     | .155                 | 3.94 | Bare Copper Braid 95%                       | .242                                   | 6.15  | 25                  | 82   | 82%                | 50          | 1<br>10<br>50<br>100<br>200<br>700<br>900<br>1000  | .3<br>.9<br>2.1<br>3.1<br>4.5<br>9.1<br>10.7<br>11.2  | 1.0<br>2.9<br>6.9<br>10.2<br>14.8<br>29.8<br>35.1<br>36.7  |
|             |                                                                                                                    |                                                                                     | 4.3 Ω/M'                   | Gas injected PE      |      |                                             | PVC jacket<br>Color: Black             |       |                     |      |                    |             |                                                    |                                                       |                                                            |

### NOTES:

Standard spool size 1000 feet, spools are one piece, but length may vary  $\pm 10\%$

\*BiFoil is an aluminum polyester aluminum tape with 100% coverage

100% Sweep Tested