

## COAXIAL CABLE WIRE

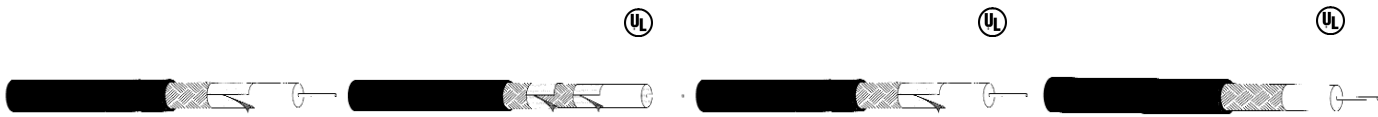


Fig. 1

Fig. 2

Fig. 3

Fig. 4

### Features:

2.25 GHz swept bandwidths,  
Solid bare copper conductors,  
Ascending foot marks,  
Convenient pull-out box packaging

### Applications:

Satellite systems, datacom transmission, networking/residential structured cabling, HDTV (High Definition Television), CATV (Community Antenna Television), CCTV (Closed Circuit Television), radio frequency, class 2 circuit wiring

### RG59/U Coaxial Cable

#### Specifications:

Type: RG59/U  
Jacket Material: PVC  
Jacket O.D.: 6.1mm  
Conductor: 22 AWG Solid Bare Copper  
Dielectric Shield: Aluminum/Polyester Foil (Bonded)  
Dielectric Material: Foam Polyethylene  
Dielectric O.D.: 3.7mm  
Impedance:  $7.5 \pm 2.5$  Ohms  
Nominal Velocity of Propagation (V.O.P.): 80%  
Nominal Capacitance (pF/m): 54  
Dielectric Strength (kV): 1.6  
Return Loss VHF/UHF (dB): 20/18

| Retail Part No. | Figure No. | Length (Feet) | Jacket Color | Braid Shield   |
|-----------------|------------|---------------|--------------|----------------|
| 14-1924-9H61    | 1          | 500           | Black        | Aluminum (40%) |
| 14-1924-9H81    | 1          | 1000          | Black        | Aluminum (40%) |

### RG6/U Coaxial Cable

#### Specifications:

Type: RG6/U CATV/CL2/CM AWM Style 1354 (**14-1918-1H81** and **14-1918-1H82** are Quad Shield)  
Jacket Material: PVC  
Jacket O.D.: 7.6mm  
Conductor: 18 AWG Solid Bare Copper  
Dielectric Shield: Aluminum/Polyester Foil (Bonded) (**14-1918** is Not Applicable, **14-1918-1H81** and **14-1918-1H82** each have two.)  
Dielectric Material: Foam Polyethylene  
Dielectric O.D.: 4.57mm  
Impedance:  $7.5 \pm 2.5$  Ohms  
Nominal Velocity of Propagation (V.O.P.): 83%  
Nominal Capacitance (pF/m): 54  
Dielectric Strength (kV): 1.6  
Return Loss VHF/UHF (dB): 20/18

| Retail Part No. | Figure No. | Length (Feet) | Jacket Color | Braid Shield            |
|-----------------|------------|---------------|--------------|-------------------------|
| 14-1918-1H81    | 2          | 1000          | Black        | Aluminum (1-60%, 2-40%) |
| 14-918-1H82     | 2          | 1000          | White        | Aluminum (1-60%, 2-40%) |
| 14-1918-9H69    | 3          | 500           | Black        | Aluminum (60%)          |
| 14-1918-9H89    | 3          | 1000          | Black        | Aluminum (60%)          |
| 14-918-9H87     | 3          | 1000          | White        | Aluminum (60%)          |
| 14-1926-9H81*   | 3          | 1000          | Black        | Aluminum (40%)          |
| 14-1918         | 4          | 1000          | Black        | Copper (95%)            |

\*Not UL listed.



### Coaxial Cable Construction Key

• **Center Conductor:**  
Solid Bare Copper

• **Dielectric Insulation:**  
Foam polyethylene,  
natural in color

• **Dielectric Shield:**  
Aluminum/polyester foil tape  
bonded to dielectric

• **Braid Shield:**  
Aluminum or Copper woven over dielectric  
shield expressed in percentage of coverage

• **Jacket:**  
Made of Polyvinyl Chloride (PVC),  
black or white in color



### Attenuation

| MHz  | RG59/U<br>dB/100M | MHz  | RG6/U<br>dB/100M |
|------|-------------------|------|------------------|
| 50   | 6.8               | 50   | 5.2              |
| 100  | 8.9               | 100  | 7.0              |
| 200  | 12.7              | 200  | 10.0             |
| 400  | 17.8              | 400  | 14.0             |
| 450  | 19.1              | 450  | 14.9             |
| 550  | 21.1              | 550  | 16.5             |
| 750  | 24.8              | 750  | 19.4             |
| 800  | 25.7              | 800  | 20.1             |
| 1000 | 29.0              | 1000 | 22.8             |
| 1500 | 36.5              | 1500 | 28.7             |
| 2000 | 41.7              | 2000 | 34.2             |
| 2500 | 46.4              | 2500 | 40.1             |

### Station Wire

#### Specifications:

Jacket: Round, PVC  
Jacket Color: Beige  
Conductor: Solid Copper



#### Application:

Economical, single line straight lay telephone hook-ups

| Part No. | AWG | No. of Conductors | Length (Feet) | Put-Up     |
|----------|-----|-------------------|---------------|------------|
| 30-9903* | 24  | 4                 | 100           | Hank       |
| 30-9956  | 24  | 4                 | 100           | Hank       |
| 30-9984  | 24  | 4                 | 500           | Shrink Bag |
| 30-9998  | 24  | 4                 | 1000          | Shrink Bag |
| 30-9999  | 24  | 6                 | 1000          | Shrink Bag |
| 30-9902  | 22  | 4                 | 25            | Hank       |
| 30-9900  | 22  | 4                 | 50            | Hank       |
| 30-9901  | 22  | 4                 | 100           | Hank       |
| 30-9985  | 22  | 4                 | 500           | Shrink Bag |
| 30-9986  | 22  | 4                 | 1000          | Shrink Bag |
| 30-9969  | 22  | 6                 | 100           | Hank       |
| 30-9996  | 22  | 6                 | 500           | Shrink Bag |
| 30-9989  | 22  | 6                 | 1000          | Shrink Bag |

\*UL listed type CMX, CSA type CMG

### Flat Line Cord

#### Specifications:

Jacket: PVC  
Conductor: 26 AWG Stranded Copper



#### Application:

For indoor use in connecting telephone unit to wall outlets, handset, answering machines, etc. Terminate with standard modular plugs.

| Part No. | Color  | No. of Conductors | Length (Feet) | Put-Up     |
|----------|--------|-------------------|---------------|------------|
| 30-9920  | Ivory  | 4                 | 50            | Hank       |
| 30-9927  | Silver | 4                 | 50            | Hank       |
| 30-9922  | Ivory  | 4                 | 100           | Hank       |
| 30-9928  | Silver | 4                 | 100           | Hank       |
| 30-9990  | Silver | 4                 | 500           | Shrink Bag |
| 30-9992  | Ivory  | 4                 | 500           | Shrink Bag |
| 30-9929  | Silver | 4                 | 1000          | Spool      |
| 30-9963  | Ivory  | 4                 | 1000          | Spool      |
| 30-9933  | Ivory  | 6                 | 100           | Hank       |
| 30-9938  | Silver | 6                 | 100           | Hank       |
| 30-9994  | Silver | 6                 | 500           | Shrink Bag |
| 30-9939  | Silver | 6                 | 1000          | Spool      |
| 30-9966  | Ivory  | 6                 | 1000          | Spool      |
| 30-9948  | Silver | 8                 | 500           | Spool      |
| 30-9949  | Silver | 8                 | 1000          | Spool      |

#### Conductor Color Key

Use for station and flat line cord only.

| 4 Conductor | 6 Conductor | 8 Conductor |
|-------------|-------------|-------------|
|             |             | Blue        |
|             | Orange      | Orange      |
| Black       | Black       | Black       |
| Red         | Red         | Red         |
| Green       | Green       | Green       |
| Yellow      | Yellow      | Yellow      |
|             | Brown       | Brown       |
|             |             | White       |

### Shrink Bag

- Durable and waterproof
- Easy pullout
- Holds shape without uncoiling
- View remaining cable
- Space saving



### Hank

- Card or tab retail packing
- Great for showroom display
- Suggestive selling on back



### Spool

- Traditional put-up
- Easy to read labeling
- Plastic wrapped, no rubber bands

