

COAXIAL CABLE WIRE

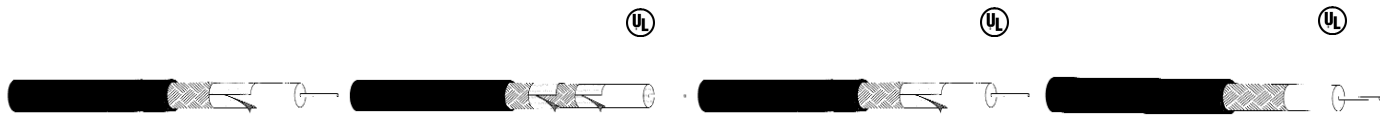


Fig. 1

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 ± 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 ± 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 dB/100M	MHz	RG6/U 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

