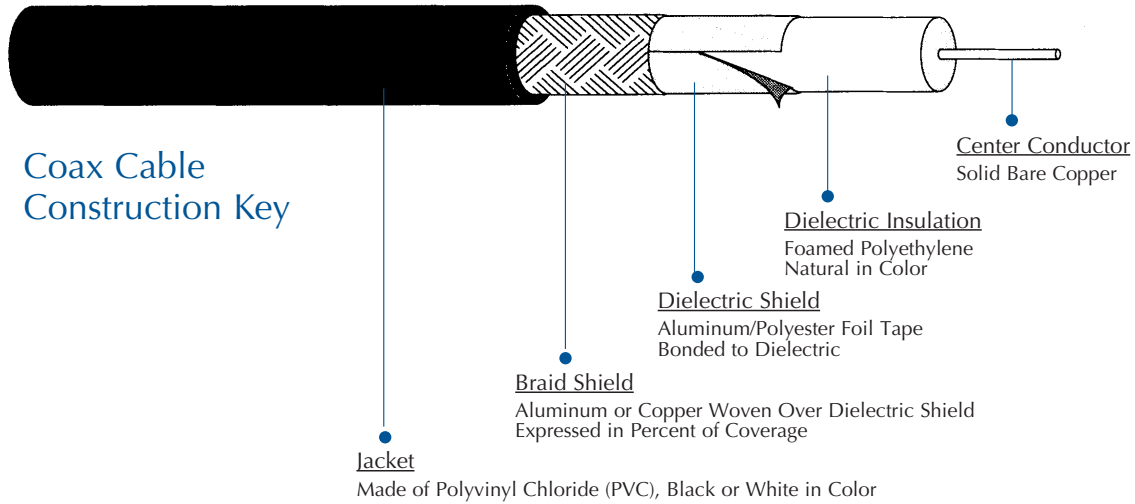


**COAX**



**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 Coax Cable**

	Part Number 14-1924-9H61	Part Number 14-1924-9H81
Length	500'	1000'
Type	RG59/U	RG59/U
Jacket Color/ Material/O.D.	Black PVC 6.1mm	Black PVC 6.1mm
Braid Shield	48% AL	48% AL
Conductor	22 AWG Solid Bare Copper	22AWG Solid Bare Copper
Dielectric Shield	AL/Polyester Foil (Bonded)	AL/Polyester Foil (Bonded)
Dielectric Material/O.D.	Foam Polyethylene 3.7mm	Foam Polyethylene 3.7mm
Impedance	75 ± 2.5 Ohm	75 ± 2.5 Ohm
Nom. V.O.C.	80%	80%
Nom. Cap. (pF/m)	54	54
Dielectric Strength (kV)	1.6	1.6
Return Loss VHF/UHF (dB)	20/18	20/18

AL = Aluminum  
Nom. V.O.P. = Nominal Velocity of Propagation  
Nom. CAP. = Nominal Capacitance

WIRE



Fig. 1

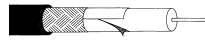


Fig. 3

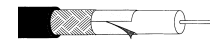


Fig. 5



Fig. 2

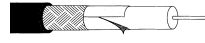


Fig. 4

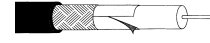


Fig. 6



Fig. 7

### Specifications for RG6/U Coax Cable

Fig. No.	Part Number 14-1918-1H81	Part Number 14-918-1H82	Part Number 14-1918-9H69	Part Number 14-1918-9H89	Part Number 14-918-9H87	Part Number 14-1926-9H81	Part Number 14-1918
Fig. No.	1	2	3	4	5	6	7
Approvals							
Length	1000'	1000'	500'	1000'	1000'	1000'	1000'
Type	RG6/U Quad Shield CATV/CL2/CM AWM Style 1354	RG6/U Quad Shield CATV/CL2/CM AWM Style 1354	RG6/U CATV/CL2/CM AWM Style 1354	RG6/U CATV/CL2/CM AWM Style 1354	RG6/U CATV/CL2/CM AWM Style 1354	RG6/U CATV/CL2/CM AWM Style 1354	RG6/U CATV/CL2/CM AWM Style 1354 CCTV
Jacket Color/ Material/O.D.	Black PVC 7.6mm	White 7.6mm	Black 7.6mm	Black 7.6mm	White 7.6mm	Black 7.6mm	Black 7.6mm
Braid Shield	1-64% AL 2-48% AL	1-64% AL 2-48% AL	64% AL Bare Copper	64% AL Bare Copper	64% AL Bare Copper	48% AL Bare Copper	95% Bare Copper
Conductor	18 AWG Solid Bare Copper	18 AWG Solid Bare Copper	18 AWG Solid (Bonded)	18 AWG Solid (Bonded)	18 AWG Solid (Bonded)	18 AWG Solid (Bonded)	18 AWG Solid Bare Copper
Dielectric Shield	2x AL/Polyester Foil (Bonded)	2x AL/Polyester Foil (Bonded)	AL/Polyester Foil	AL/Polyester Foil	AL/Polyester Foil	AL/Polyester Foil	N/A
Dielectric Material/O.D.	Foam Polyethylene 4.57mm	Foam Polyethylene 4.57mm	Foam Polyethylene 4.57mm	Foam Polyethylene 4.57mm	Foam Polyethylene 4.57mm	Foam Polyethylene 4.57mm	Foam Polyethylene 4.57mm
Impedance	75 ± 2.5 Ohm	75 ± 2.5 Ohm	75 ± 2.5 Ohm	75 ± 2.5 Ohm	75 ± 2.5 Ohm	75 ± 2.5 Ohm	75 ± 2.5 Ohm
Nom. V.O.P.	83%	83%	83%	83%	83%	83%	83%
Nom. Cap (pF/m)	54	54	54	54	54	54	54
Dielectric Strength (Kv)	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Return Loss VHF/UHF (dB)	20/18	20/18	20/18	20/18	20/18	20/18	20/18

AL = Aluminum  
 Nom. V.O.P. = Nominal Velocity of Propagation  
 Nom. CAP. = Nominal Capacitance

### Attenuation

RG59/U		RG6/U	
MHz	dB/100M	MHz	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



For the latest information—[www.gcelectronics.com](http://www.gcelectronics.com)  
 All quantities are single; BU's are packages of 10 Unless otherwise noted.