

RG 6/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3
- Copper-clad steel per ASTM B-869

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Tinned copper or aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- LAN cable
- HDTV
- CCTV†
- Digital video
- Direct broadcast satellite
- See Coax Connector Cross Reference, pages 192-199

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C5814† RG 6/U Type Digital Video/HDTV UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE 0.180 4.57		100% Flexfoil® +95% Tinned Copper Braid 2.7 Ω/Mft.	Black PVC 0.275 6.98		16.20	53.15	83	75	1	0.20
											10	0.72
											50	1.48
											100	2.01
											200	2.79
											500	4.46
											1000	6.53
											1450	7.86
											1800	8.76
											2200	9.69
											3000	11.31
C5822 RG 6/U Dual-Type DBS UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE 0.180 4.57		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC 0.267 6.86 x x 0.595 15.11		16.20	53.15	83	75	1	0.26
											10	0.81
											50	1.46
											100	2.05
											200	2.83
											500	4.53
											1000	6.59
											1450	8.10
											1800	8.80
											2200	10.10
											3000	11.79