

RG 6/U Type

Product Construction:

Conductors:

- Copper-clad steel per ASTM B-869

Insulation/Core:

- Solid and foam polyethylene (PE) designs

Shield:

- Tinned, bare copper or aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound or PE compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- CATV
- MATV
- HDTV
- Digital video
- Direct burial
- 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'						
C5785 RG 6/U Type Quad-Shield UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		(2) 100% Flexfoil® 1st Bonded (1) 60% (2) 40% Aluminum Braids 3.7 Ω/Mft.	Black PVC		16.20	53.15	83	75	1	0.26						
		0.180	4.57		0.292	7.42					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
C5889 RG 6/U Type Riser Quad-Shield UL CL2R, CATVR, CMR c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		(2) 100% Flexfoil® 1st Bonded (1) 60% (2) 40% Aluminum Braids 3.7 Ω/Mft.	Black PVC		16.20	53.15	83	75	1	0.26						
		0.180	4.57		0.292	7.42					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
C5777 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +61% Tinned Copper Braid 6.5 Ω/Mft.	Black PVC		16.20	53.15	83	75	1	0.26						
		0.180	4.57		0.275	6.98					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
C5802 RG 6/U Type Messengered, Self-Supporting 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	83	75	1	0.26						
		0.180	4.57		0.270 x 0.428	6.86 x 10.87					10	0.81						
											50	1.46						
											100	2.05						
											200	2.83						
																	500	4.53
																	1000	6.59
C5804 RG 6/U Type MoistureGuard™ Direct Burial, Flooded  FlexFill®	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid w/water block 9.0 Ω/Mft.	Black PE		16.20	53.15	83	75	1	0.26						
		0.180	4.57		0.275	6.98					10	0.81						
											50	1.46						
											100	2.05						
											200	2.83						
																	500	4.53
																	1000	6.59