

# RG 6/U Type

**Product Construction:**

**Conductors:**

- Copper per ASTM B3 or copper-clad steel per ASTM B869
- Twisted pair color code: black and red

**Insulation/Core:**

- Foam polyethylene (PE)
- Foam fluoropolymer (FEP)

**Shield:**

- Tinned copper or aluminum braid
- Flexfoil® shield

**Jacket:**








- Premium-grade PVC compound
- Flexguard® PVC compound

**Packaging:**

- Please contact Customer Service for packaging and color options

**Applications:**

- Suitable for RF signal transmission
- CATV
- CCTV+
- DBS
- Drop cable
- FM broadcast
- HDTV
- Digital video

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												
		in	mm		in	mm	pF/ft	pF/m			MHz	dB/100'											
C5778 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +61% Tinned Copper Braid 6.5 Ω/Mft.	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
C3523 RG 6/U Type Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		100% Flexfoil® +80% Tinned Copper Braid 2.3 Ω/Mft.	Flexguard® PVC		16.40	52.50	83	75	1	0.30											
		0.170	4.32		0.232	5.89					10	0.66	50	1.50	100	2.10	200	3.10	500	5.00	1000	7.30	
C3521 RG 6/U Type Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		Flexfoil® Bonded +95% Tinned Copper Braid 2.3 Ω/Mft.	Flexguard® PVC		16.00	52.50	83	75	1	0.30											
		0.170	4.32		0.232	5.89					10	0.66	50	1.50	100	2.10	200	3.10	500	5.00	1000	7.30	
C3524 RG 6/U Type Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Copper- Clad Steel 28.6 Ω/Mft.	Fluoropolymer		Flexfoil® Bonded +80% Aluminum Braid 9.0 Ω/Mft.	Flexguard® PVC		16.00	52.50	83	75	1	0.30											
		0.170	4.32		0.232	5.89					10	0.66	50	1.50	100	2.10	200	3.10	500	5.00	1000	7.30	2300
C3525 RG 6/U Type Quad Shield Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Copper- Clad Steel 28.6 Ω/Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braids 5.3 Ω/Mft.	Flexguard® PVC		16.00	52.50	83	75	1	0.30											
		0.170	4.32		0.264	6.70					10	0.66	50	1.50	100	2.10	200	3.10	500	5.00	1000	7.30	2300
C8029† RG 6/U Type +18 AWG Unshielded Pair UL CL2, CM c(UL) CM 	18 Ga. Solid Bare Copper Coax	Foam PE		100% Flexfoil® 95% Bare Copper Braid 1.9 Ω/Mft.	PVC		16.20	53.15	83	75	1	0.20											
		0.180	4.57		0.270	6.86					10	0.72	50	1.48	100	2.01	200	2.70	500	4.46	1000	6.53	
		Premium PVC			Unshielded Pair	0.493					12.52												
18 AWG (7/26) Unshielded Pair	0.010	0.25																					
C8031† RG 6/U Type +18 AWG Unshielded Pair UL CMP c(UL) CMP 	18 AWG Solid Bare Copper Coax	Fluoropolymer		95% Bare Copper Braid 3.5 Ω/Mft.	Flexguard® PVC		16.30	53.48	83	75	1	0.30											
		0.170	0.432		0.232	5.89					10	0.66	50	1.50	100	2.10	200	3.10	500	5.00	1000	7.30	
		Halar			Unshielded Pair	0.416					10.57												
18 AWG (7/26) Unshielded Pair	0.006	0.15																					

Data subject to change.

