

RG 213/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Solid polyethylene (PE) design

Shield:

- Bare copper braid

Jacket:

- Premium non-contaminating black PVC

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- 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'		
C1176A RG 213/U Type MIL-C-17G Type  1354	13 Ga. (7/21) Bare Copper 1.7 Ω/Mft.	Solid PE		95% Bare Copper Braid 1.2 Ω/Mft.	Black PVC		30.80	101.05	66	50	1	0.18		
											10	0.62		
		0.285	7.24		0.405	10.29					50	1.50		
											100	2.10		
											200	3.00		
											500	5.03		
											1000	8.20		

Twinaxial Cables

Product Construction:

Conductors:

- Copper per ASTM B-3
- Tinned copper per ASTM B-33

Insulation/Core:

- Solid and foam polyethylene (PE) designs
- Lo-Cap® polypropylene (PPE) design

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:

- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Programmable Logic Controllers (PLC)
- Data transmission
- Broadcast
- Computer
- 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'
C8000 UL CL2 2498 80°C, 300V 	20 Ga. (7/28) (1) Tinned Copper, (1) Bare Copper 9.5 Ω/Mft.	Solid PE Coded: Natural, Natural 0.022 0.56		100% Flexfoil® +90% Tinned Copper Braid 2.5 Ω/Mft.	Black PVC		15.50	50.86	66	100	1	0.40
					0.330	8.38					10	1.10
C8001 UL CL2, CM C(UL) CM 2464 2582 60°C, 300V 	20 Ga. (7/28) Tinned Copper 9.5 Ω/Mft.	Solid PE Coded: Natural, Blue 0.020 0.51		100% Flexfoil® +57% Tinned Copper Braid 4.1 Ω/Mft.	Blue PVC		19.17	62.90	66	78	1	0.60
					0.242	6.15					10	2.10
C8014 2668 60°C, 30V 	22 Ga. (19/34) Tinned Copper 15.0 Ω/Mft.	Lo-Cap® PPE Coded: Black, Yellow 0.051 1.30		100% Flexfoil® +22 AWG Tinned Copper Drain Wire 6.3 Ω/Mft.	Black PVC		8.80	28.87	78	150	1	0.40
					0.360	9.14					10	1.20
											50	2.65
											100	4.30
											200	6.20
											400	8.80