

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		100% Flexfoil® +90% Tinned Copper Braid 2.5 Ω/Mft.	Black PVC		15.50 50.86	66	100	1 10 50 100 200 400	0.40 1.10 2.50 4.10 6.40 10.20	
		0.022	0.56		0.330	8.38						
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		100% Flexfoil® +57% Tinned Copper Braid 4.1 Ω/Mft.	Blue PVC		19.17 62.90	66	78	1 10 50 100 200 400	0.60 2.10 5.00 7.50 11.00 16.00	
		0.020	0.51		0.242	6.15						
C8014  2668 60°C, 30V	22 Ga. (19/34) Tinned Copper 15.0 Ω/Mft.	Lo-Cap® PPE Coded: Black, Yellow		100% Flexfoil® +22 AWG Tinned Copper Drain Wire 6.3 Ω/Mft.	Black PVC		8.80 28.87	78	150	1 10 50 100 200 400	0.40 1.20 2.65 4.30 6.20 8.80	
		0.051	1.30		0.360	9.14						