

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 185-192

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	0.40
					0.330	8.38					10	1.10
		0.022	0.56								50	2.50
											100	4.10
											200	6.40
											400	10.20
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	0.60
					0.242	6.15					10	2.10
		0.020	0.51								50	5.00
											100	7.50
											200	11.00
											400	16.00
C8012 2092 80°C, 300V 	25 Ga. (7/33) Tinned Copper 31.8 Ω/Mft.	Solid PE Coded: Natural, Blue		100% Flexfoil® +25 AWG Tinned Copper Drain Wire 12.0 Ω/Mft.	Blue PVC		12.20	40.03	66	124	1	0.60
					0.240	6.10					10	1.70
		0.030	0.76								50	3.60
											100	5.00
											200	6.90
											400	9.60
C8013 2448 60°C, 30V 	16 Ga. Solid Bare Copper 4.2 Ω/Mft.	Foam PE Coded: Natural, Blue		100% Flexfoil® +92% Tinned Copper Braid 6.3 Ω/Mft.	Black PVC		10.90	35.76	78	120	1	0.18
					0.440	11.18					10	0.71
		0.052	1.32								50	1.80
											100	2.90
											200	4.10
											400	6.20
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	0.40
					0.360	9.14					10	1.20
		0.051	1.30								50	2.65
											100	4.30
											200	6.20
											400	8.80
C8033 2092 60°C, 300V 	22 Ga. (7/30) (1) Tinned Copper, (1) Bare Copper 16.0 Ω/Mft.	Solid PE Coded: White, Blue		85% Tinned Copper Braid 4.7 Ω/Mft.	Beige PVC		20.70	67.92	66	78	1	0.80
					0.180	4.57					10	2.50
		0.015	0.38								50	5.70
											100	8.00
											200	11.40
											400	16.10