

Twinaxial Cables

Product Construction:

Conductors:

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

Insulation/Core:

- Solid and foamed polyethylene designs
- Lo-Cap® polypropylene designs

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:

- Premium PVC compound

Packaging:

- 1000' (305 m) Reels
- 1000' (305 m) Pull-Pac® Cartons
- Other put-ups available – consult Customer Service

Applications:

- Programmable Logic Controllers (PLC)
- Data Transmission
- Broadcast
- Computer

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 NEC CL2 2498 80°C, 300V 	20 Ga. (7X28) (1) Tinned Copper, (1) Bare Copper 9.5 Ω/M	Solid Polyethylene Coded: Natural, Natural		100% Flexfoil® +90% Tinned Copper Braid 2.5 Ω/M	Black PVC		15.50	50.86	66	100	1	0.40
		0.022	0.56		0.330	8.38					10	1.10
C8001 NEC CL2, CM CEC CM 2464 2582 60°C, 300V 	20 Ga. (7X28) Tinned Copper 9.5 Ω/M	Solid Polyethylene Coded: Natural, Blue		100% Flexfoil® +57% Tinned Copper Braid 4.1 Ω/M	Blue PVC		19.17	62.90	66	78	1	0.60
		0.020	0.51		0.242	6.15					10	2.10
C8012 2092 80°C, 300V 	25 Ga. (7X33) Tinned Copper 31.8 Ω/M	Solid Polyethylene Coded: Natural, Blue		100% Flexfoil® +25 AWG Tinned Copper Drain Wire 12.0 Ω/M	Blue PVC		12.20	40.03	66	124	1	0.60
		0.030	0.76		0.240	6.10					10	1.70
C8013 2448 60°C, 30V 	16 Ga. Solid Bare Copper 4.2 Ω/M	Cellular Polyethylene Coded: Natural, Blue		100% Flexfoil® +92% Tinned Copper Braid 6.3 Ω/M	Black PVC		10.90	35.76	78	120	1	0.18
		0.052	1.32		0.440	11.18					10	0.71
C8014 2668 60°C, 30V 	22 Ga. (19X34) Tinned Copper 15.0 Ω/M	Lo-Cap® Polypropylene Coded: Black, Yellow		100% Flexfoil® +22 AWG Tinned Copper Drain Wire 6.3 Ω/M	Black PVC		8.80	28.87	78	150	1	0.40
		0.051	1.30		0.360	9.14					10	1.20
C8033 2092 60°C, 300V 	22 Ga. (7X30) (1) Tinned Copper, (1) Bare Copper 10.0 Ω/M	Solid Polyethylene Coded: White, Blue		85% Tinned Copper Braid 4.7 Ω/M	Beige PVC		20.70	67.92	66	78	1	0.80
		0.015	0.38		0.180	4.57					10	2.50
											50	5.70
											100	8.00
											200	11.40
											400	16.10

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