

Twinaxial Cables

Product Construction:

Conductors:

- Copper per ASTM B3
- Tinned copper per ASTM B33

Insulation/Core:

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

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

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'	
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.	PVC		15.50	50.86	66	100	1	0.40	
		0.022	0.56		0.330	8.38					10	1.10	50
C8001 UL CL2, CM C(UL) CM 2464 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.	PVC		19.17	62.90	66	78	1	0.60	
		0.020	0.51		0.242	6.15					10	2.10	50
C8014 2668 60°C, 30V 	22 Ga. (19/34) Tinned Copper 15.0 Ω/Mft.	Lo-Cap® FPE Coded: Black, Yellow		100% Flexfoil® +22 AWG Tinned Copper Drain Wire 6.3 Ω/Mft.	PVC		8.80	28.87	78	150	1	0.40	
		0.051	1.30		0.360	9.14					10	1.20	50

Data subject to change.