

USB, ETHERNET, HDMI, AND OTHER Controlled-Impedance Cables

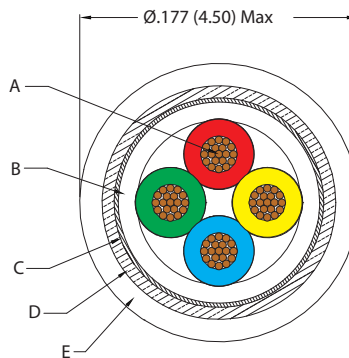


100 Ohm Quadrax, #24 AWG
963-079-24-01

Optimized for



854-001 and 854-002
Quadrax contacts



SPEEDLINE

963-079-24-01

- -65 to +200 °C rated operating temperature
- FEP jacket, FEP insulation
- Shield: Aluminized Kapton tape

NOTES

- Cable identified with manufacturer's name and part number.
- Cable is sold in 1 foot increments. Specify desired length on purchase order.

Cable Construction		
A	(4x) Wire	100 Ohm (Nom.), Differential Quadrax
	Conductors	High Strength Copper Alloy, 24 AWG
	Insulation	FEP
	Colors	Red, Blue, Yellow, Green
B	Insulation	PTFE Tape
C	Inner Shield	Aluminized Kapton Tape (Foil-Side Out), 100% Coverage
D	Outer Shield	Silver Plated Copper Braid, Min. 90% Coverage
E	Jacket	.010" FEP (White Laser-Markable)
Overall Diameter Less Than .177"		
Estimated Weight: 12.1 G/Ft		

Electrical Performance	
Dielectric Withstanding Voltage (VRMS)	600
Differential Impedance	100 ± 10 Ohm
Intra-Pair Skew (Max.)	10 ps / Ft.
Insertion Loss (SDD21)	See Table 1

Environmental Properties	
Temperature Range	-65°C to 200°C

Table 1: Attenuation	
Frequency (GHz)	Insertion loss dB / ft
0.010	.05
0.100	.10
0.250	.15
0.500	.22
1.000	.34