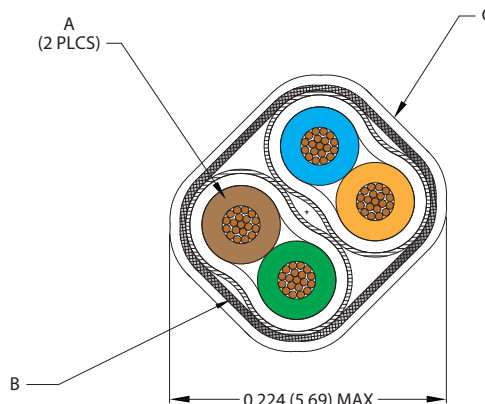


SATA Cable, #24 AWG
963-072-24



High-Bandwidth
100 Ohm applications



963-072-24

- 100 Ohm twisted pair shielded cable.
- -65 to +200 °C rated operating temperature
- FEP jacket, FEP insulation
- Dual shields: Aluminized Polyimide tape and silver-plated copper

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	(2x) Data Pairs	100 Ohm (Nom.), Shielded Twisted Pair
	Conductors	High Strength Copper Alloy, 24 AWG
	Insulation	FEP
	Colors	Blue, Orange Green, Brown
	Insulation	PTFE Tape
	Pair Shield	.0014" Aluminum/Polyimide tape, foil side out, 50% overlap
B	Outer Shield	40 AWG Silver Plated Copper, 90% min. coverage
C	Outer Jacket	.010" FEP (White Laser-Markable)
Minimum bend radius: 1.25		
Weight: 13 g/ft		

Electrical Performance	
Dielectric Withstanding Voltage (VRMS)	600
Differential Impedance	100 ± 6 Ohm
Intra-Pair Skew (Max.)	1 ps / Ft.
Insertion Loss (SDD21)	See Table 1

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

Table 1: Attenuation	
Frequency (GHz)	dB / ft Maximum
0.010	.04
0.625	.22
1.250	.32
2.000	.42
4.500	.71

PROTOCOL SPECIFIC