

USB, ETHERNET, HDMI AND OTHERS Protocol Specific Cables



Cat6a/Cat8 Cable, #28 AWG
963-066-28

Optimized for

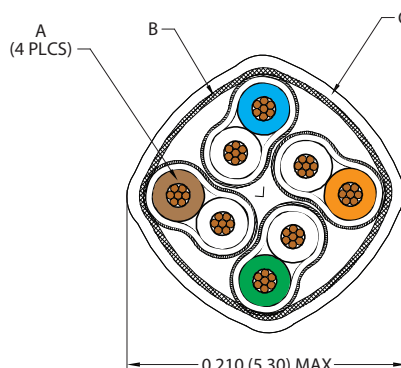
El Ocho

Cat 8 up to 40GBASE-T Ethernet



SPEEDMASTER™

Cat 6a up to 10GBASE-T Ethernet



963-066-28

- 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	(4x) Data Pairs	100 Ohm (Nom.), Shielded Twisted Pair
	Conductors	28 AWG (7/36) High Strength Copper Alloy
	Insulation	FEP
	Colors	Blue, White Orange, White Green, White Brown, White
	Binder	PTFE Tape
	Pair Shield	Aluminum/Polyimide tape
B	Outer Shield	Silver Plated Copper, 90% min. coverage
C	Outer Jacket	FEP (White Laser-Markable)
Minimum bend radius: .875		
Weight: 11.5 g/ft		

Electrical Performance

Dielectric Withstanding Voltage (VRMS)	600
Differential Impedance	100 ± 10 Ohms
Insertion Loss (SDD21)	See Table 1

Environmental Properties

Temperature Range	-65°C to 200°C
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Table 1: Attenuation

Frequency (MHz)	dB / ft Typical	dB / ft Maximum
100	.090	.120
250	.145	.183
500	.212	.256
1000	.309	.367
2000	.455	.532