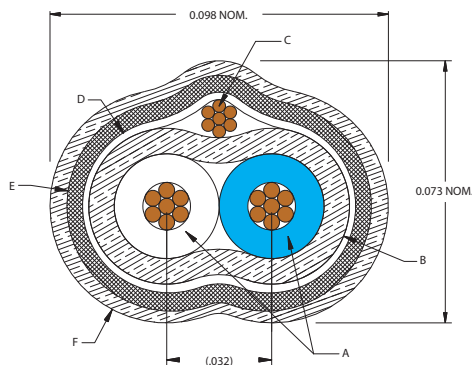


100 Ohm Differential Twisted Pair Cable with Drain, #28 AWG 963-065-28

Optimized for
GM
MD
High-bandwidth
applications up to 18 GHz



963-065-28

- -65 to +200 °C rated operating temperature
- FEP jacket, FEP insulation
- Shield: 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.	Primary Conductor	28 AWG 7/36 Silver-Plated high-strength copper alloy
	Primary Insulation	FEP (Color: White, Blue)
B.	Binder	ePTFE
C.	Drain Wire	30 AWG 7/38 silver plated high strength alloy
D.	Foil	Silver-plated copper, 100% coverage
E.	Braid	Silver-plated copper, >90% coverage
F.	Jacket	FEP, white, laser-markable
Bend Radius: 0.5" min.		
Weight: 3.6 g/FT, nom.		

Electrical Performance

Dielectric Withstanding Voltage	600V AC
Differential Impedance	100 ± 6 Ohm
Insertion Loss	See Table 1
Skew	3 ps / ft., max.

Environmental Properties

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

Frequency (GHz)	dB / ft Typical	dB / ft Maximum
1.0	0.296	0.343
2.5	0.466	0.534
5.0	0.668	0.756
7.5	0.833	0.936
10.0	0.985	1.102
15.0	1.276	1.426