

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

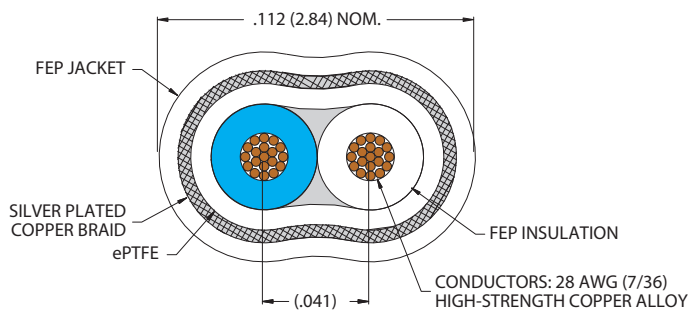


120 Ohm Twisted Pair, #28 AWG 963-164-28



2 GHz 100 Ohm
high-speed twisted
pair, #28 gauge

Glenair **963-164-28** 120 Ohm cable is designed for CAN bus protocol and supports high-speed data transmission up to 1 GHz. Its broad temperature range of -65°C to +200°C ensures reliable performance in demanding environments.



963-164-28

- 120 Ohm #28 AWG 7/36 Silver-Plated Copper Alloy
- Performance up to 1000 MHz
- -65 to +200 °C rated operating temperature
- FEP jacket, FEP insulation

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

Primary Conductor	28 AWG 7/36 Silver-Plated High-Strength Copper Alloy
Primary Insulation	FEP (Color: White / Blue)
Binder	ePTFE
Braid	Silver Plated Copper, >95% Coverage
Jacket	FEP, White, Laser-Markable

Electrical Performance

Dielectric withstanding Voltage	600V AC
Differential Impedance	120 ± 12 Ohms
Insertion Loss	See Table 1

Physical Properties

Bend Radius	0.6" Min.
Weight	4.2 g/FT, nom.

Environmental Properties

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

Frequency (MHz)	dB / ft Typical	dB / ft Maximum
10	.042	.052
100	.121	.142
200	.173	.203
500	.286	.336
1000	.419	.493