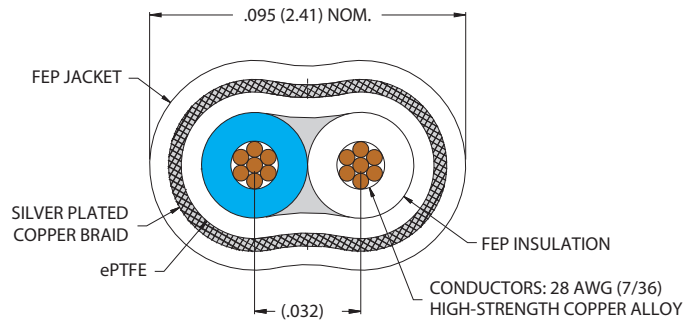


## 100 OHM Twisted Pair, #28 AWG 963-073-28



Glenair 963-073-28 protocol-specific cable is designed for high speed data transmission up to 2 GHz with a 100 Ohm differential impedance, making it ideal for avionics, vetronics, and digital network applications. Its broad temperature range of -65°C to +200°C ensures reliable performance in demanding environments, from sensor interconnects to serial buses. With robust construction, it's the perfect choice for critical systems like cabin management, high-density connectors, and LVDS devices.



### 963-073-28

- 28 AWG 7/36 Silver Plated Alloy
- -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 Copper Alloy
Primary Insulation	FEP (Solid White, Solid Blue)
Insulation	ePTFE
Braid	Silver Plated Copper, >90% Coverage
Jacket	FEP, White, Laser Markable

#### Electrical Performance

Dielectric Withstanding Voltage	750V AC
Differential Impedance	100 ± 10 OHMS
Insertion Loss	See Table 1
Skew	3 ps / Ft, Max.

#### Physical Properties

Bend Radius	0.6" Min
Weight	3.1 g / Ft, Nom.

#### Environmental Properties

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

Frequency (GHz)	dB / ft Typical	dB / ft Maximum
0.10	.106	.125
0.50	.243	.273
1.00	.349	.389
2.00	.510	.564