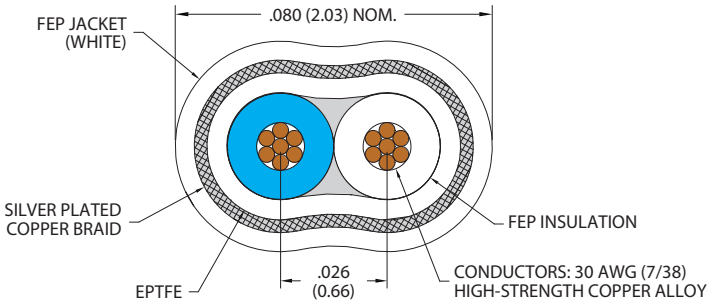
100 Ohm Twisted Pair, #30 AWG
963-073-30

2 GHz 100 Ohm high-speed twisted pair, #30 gauge

Glenair 963-073-30 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.



963-073-30

- 30 AWG 7/38 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	30 AWG 7/38 Silver-Plated Copper Alloy
Primary Insulation	FEP (Solid White, Solid Blue)
Insulation	ePTFE
Braid	44 AWG Silver Plated Copper, >90% Coverage
Jacket	FEP, White, Laser-Markable

Electrical Performance	
Dielectric Withstanding Voltage	750 VAC
Differential Impedance	100 ± 10 Ohms
Insertion Loss	See Table 1
Return Loss	>18 dB to 10 GHz
Skew	3 ps / Ft Max.

Physical Properties	
Bend Radius	0.5" Min.
Weight	2.4 G / Ft, Nom.

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

Table 1: Attenuation		
Frequency (GHz)	dB / ft Typical	dB / ft Maximum
0.10	0.14	0.18
0.50	0.32	0.40
1.00	0.46	0.57
2.00	0.66	0.81

© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 •
Glenair Signature Wire and Cable · Dimensions in Inches (millimeters) are subject to change without notice.