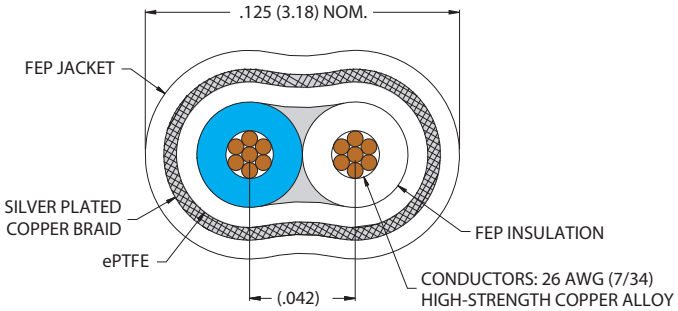
SpeedLine Controlled-Impedance Cables

100 Ohm Twisted Pair, #26 AWG
963-073-26

2 GHz 100 Ohm high-speed twisted pair, #26 gauge

Glenair 963-073-26 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.



963-073-26

- 26 AWG 7/34 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	26 AWG 7/34 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	0.75" Min.
Weight	6.1 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	.071	.093
0.50	.181	.218
1.00	.275	.324
2.00	.417	.485