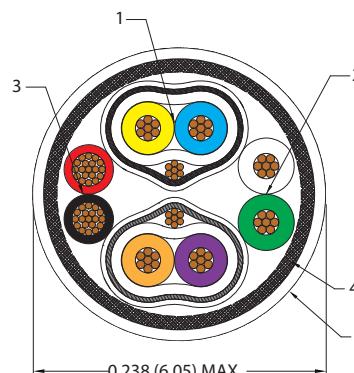


USB 3.2 Gen 1x1 Cable, #26 AWG 963-077-26

Optimized for
El Ocho
BLUE
SuperSpeed USB 5 Gbps



SPEEDLINE

963-077-26

- 90 Ohm twisted pair shielded cable.
- -65 to +200 °C rated operating temperature
- FEP jacket, FEP insulation
- Dual shields: Aluminized Polyimide tape and 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

Cable Construction			
1.	(2x) Superspeed Pairs 90 Ohm Shielded Twisted Pair 26 AWG	Conductors	2x 26 AWG (7/34) High-Strength Copper Alloy
		Insulation	ePTFE over FEP
		Drain Wire	28 AWG (7/36) High-Strength Copper Alloy
		Pair Shield	.0014" Aluminum/Polyimide tape, foil side in, 50% overlap
2.	D+/D- 90 Ohm Twisted Pair 26 AWG	Conductors	2x 26 AWG (7/34) High-Strength Copper Alloy
		Insulation	FEP
3.	Power VBUS/GND Twisted Pair 24 AWG	Conductors	2x 24 AWG (19/36) High-Strength Copper Alloy
		Insulation	Cross-Linked ETFE
4.	Outer Shield	38 AWG Silver-Plated Copper, 90% min. coverage	
5.	Outer Jacket	.008" FEP (White, Laser-Markable) Laser-Marked with Glenair P/N 963-077-26	
Minimum Bend Radius: 0.875"			
Weight: 17.5 G/Ft. Nom			

Electrical Performance

Dielectric Withstanding Voltage (VRMS)	600
Differential Impedance	90 Ohm (Nom.)
Intra-Pair Skew (Max.)	4.5 ps / Ft.
Insertion Loss (SDD21)	See Table 1

Environmental Properties

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

Frequency (GHz)	dB / ft Maximum
0.625	0.36
1.250	0.52
2.500	0.76
5.000	1.19
7.500	1.52