The High-Speed Ultraminiature Connector for Harsh Environments

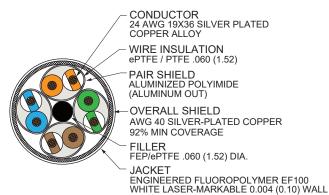


963-033 Cat 6A S/FTP Cable, Aerospace Grade

24 AWG S/FTP Cat 6A Cable Glenair Part Number 963-033-24 Manufacturer Part Number RCN9034-24 Manufacturer Gore

S/FTP 24 AWG cable has an individual foil shield around each data pair for reduced crosstalk and attenuation. This high data rate Ethernet cable features a unique cable jacket material and high-density construction that significantly reduces weight and diameter. Meets TIA568C.2 Category 6A requirements up to 80 meters. Qualified to SAE AS6070/5 and /6

Construction Details



Color Code

0.260 (6.60) MAX DIAMETER

Pair #1 Blue, White/Blue · Pair #2 Orange, White/Orange · Pair #3 Green, White/Green · Pair #4 Brown, White/Brown

Specifications			
Impedance (ohms)	100 (+10 -5)		
Temperature Rating	-65° to +200°C		
Weight (lbs/1000 ft.)(max.)	45		
Capacitance (pF/ft)	12.5		
Time Delay (ns/ft)	1.24		
Maximum Attenuation at 80m Length	Frequency	dB	
	10 MHz	5.9	
	100 MHz	19.1	
	250 MHz	31.1	
	500 MHz	45.3	
NEXT (minimum)	Frequency	dB	
	1 MHz	74.3	
	10 MHz	59.2	
	100 MHz	52.3	
	250 MHz	47.9	
	500 MHz	42.2	

26 AWG S/FTP Cat 6A Cable

Glenair Part Number 963-033-26 Manufacturer Part Number RCN9047-26 Manufacturer Gore

S/FTP 26 AWG cable has an individual foil shield around each data pair for reduced crosstalk and attenuation. This high data rate Ethernet cable features a unique cable jacket material and high-density construction that significantly reduces weight and diameter. Meets TIA568C.2 Category 6A requirement up to 65 meters. Qualified to SAE AS6070/5 and /6.

Construction Details

CONDUCTOR 26 AWG 19X38 SILVER PLATED HIGH STRENGTH COPPER ALLOY WIRE INSULATION ePTFE / PTFE .050 (1.27) PAIR SHIELD ALUMINIZED POLYIMIDE (ALUMINUM OUT) **OVERALL SHIELD** AWG 40 SILVER-PLATED COPPER 92% MIN COVERAGE FEP/ePTFE.036 (0.94) DIA. **JACKET ENGINEERED FLUOROPOLYMER EF100** WHITE LASER-MARKABLE 0.004 (0.10) WALL 0.220 (5.59) MAX DIAMETER

Color Code

Pair #1 Blue, White/Blue · Pair #2 Orange, White/Orange · Pair #3 Green, White/Green · Pair #4 Brown, White/Brown

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Specifications			
Impedance (ohms)	100 (+10 -5)		
Temperature Rating	-65° to +200°C		
Weight (lbs/1000 ft.) (max.)	35.0		
Capacitance (pF/ft)	12.5		
Time Delay (ns/ft)	1.24		
Maximum Attenuation at 65m Length	Frequency	dB	
	10 MHz	5.9	
	100 MHz	19.1	
	250 MHz	31.1	
	500 MHz	45.3	
NEXT (minimum)	Frequency	dB	
	1 MHz	74.3	
	10 MHz	59.2	
	100 MHz	52.3	
	250 MHz	47.9	
	500 MHz	42.2	

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