

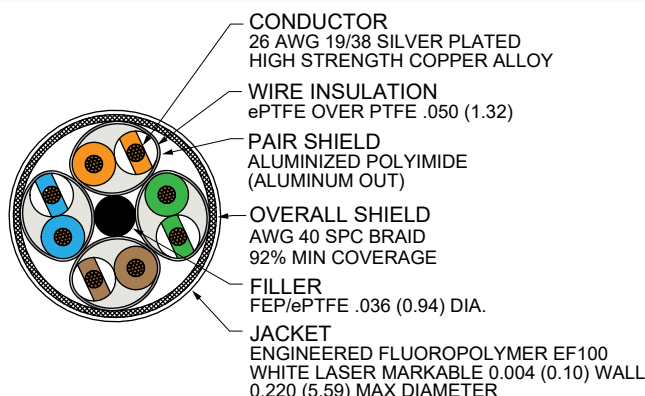
963-135 Cat 8 S/FTP Cable, Aerospace Grade

26 AWG S/FTP Cat 8 Cable

Glenair Part Number	963-132-26
Manufacturer Part Number	RCN9235-26
Manufacturer	Gore

S/FTP 26 AWG cable with foil wrapped data pairs for reduced crosstalk and attenuation. Cable features a unique cable jacket material and high-density construction to reduce weight and diameter. Meets TIA-568-2.D Category 8 requirements up to 18 meters. **Qualified to SAE AS6070/5 and /6.**

Construction Details



Color Code

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.)	35.0
Capacitance (pF/ft)	12.5
Time Delay (ns/ft)	1.35

Maximum Attenuation per 18 m Length	Frequency	dB
	50 MHz	3.9
100 MHz	5.6	
250 MHz	8.9	
500 MHz	12.8	
1000 MHz	18.6	
1500 MHz	23.2	
2000 MHz	27.2	

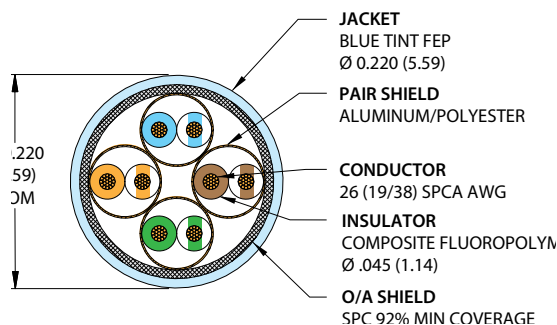
NEXT (minimum)	Frequency	dB
	50 MHz	49.8
100 MHz	45.3	
250 MHz	39.3	
500 MHz	34.8	
1000 MHz	30.3	
1500 MHz	27.7	
2000 MHz	25.8	

26 AWG S/FTP Cat 8 Cable

Glenair Part Number	963-135-26
Manufacturer Part Number	E10026243
Manufacturer	Harbour Industries

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 FEP jacket. Meets TIA-568-2.D Category 8 channel requirements up to 20 meters.

Construction Details



Color Code

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

Specifications

Temperature Rating	-55° to -200°C
Weight (lbs/1000 ft.) (max.)	34.6
Minimum Bend Radius	1.10 (27.94)
RoHS compliance	Complies with RoHS (directive 2002/95/ED)

Impedance (ohms)	Frequency	dB Typ/Max
	100 (±15)	10 MHz
Capacitance (pF/ft)	100 MHz	8.2/9.3
Velocity of propagation	250 MHz	13.7/15.0
Dielectric voltage rating	500 MHz	20.5/21.26
Capacitance	1000 MHz	28.1/30.0
Transmission Characteristics	2000 MHz	41.0/43.0
	Typ. = average pair loss Max. = worst pair loss	

El Ochito® White