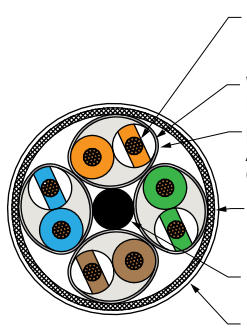
26 AWG Cat 8 Ethernet Cables for El Ochito® White

26 AWG S/FTP Cat 8 Cable

Glenair Part Number 963-132-26

S/FTP 26 AWG (19/38) 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 Cat 8 requirements up to 59 ft (18 m). REACH and RoHS compliant.

Construction Details



CONDUCTOR
26 AWG 19/38 SILVER PLATED COPPER ALLOY

WIRE INSULATION
PTFE / ePTFE, Ø.052 (1.32)

PAIR SHIELD
ALUMINIZED POLYIMIDE (ALUMINUM OUT)

OVERALL SHIELD
AWG 40 SILVER-PLATED COPPER 92% MIN COVERAGE

FILLER
FEP/ePTFE, Ø.037 (0.94)

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

Specifications

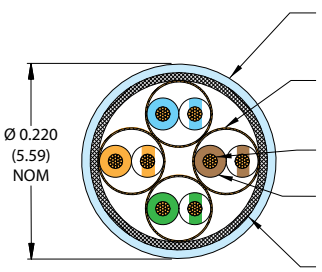
Impedance (ohms)	100 (+10 /-5)	
Temperature Rating	-65° to +200°C	
Weight (lbs/1000 ft.) (max.)	35.0	
Capacitance (pF/ft)	12.5	
Time Delay (nSEC/ft)	1.35	
Maximum Attenuation per 59 ft (18 m) Length	**Frequency**	**dB**
	50 MHz	3.9
	100 MHz	5.6
	250 MHz	8.9
	500 MHz	12.8
	1000 MHz	18.6
	1500 MHz	23.2
	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

S/FTP 26 AWG (19/38) cable has an individual foil shield around each data pair for reduced crosstalk and attenuation. This high data rate Cat 8 Ethernet cable features a FEP jacket. Meets TIA-568-C.2 Cat 8 channel requirements up to 65 ft (20 m). Complies with RoHS (Directive 2002/95/EC).

Construction Details



JACKET
BLUE TINT FEP
Ø 0.220 (5.59)

PAIR SHIELD
ALUMINUM/POLYESTER

CONDUCTOR
26 (19/38) SPCA AWG

INSULATOR
COMPOSITE FLUOROPOLYMER
Ø .045 (1.14)

O/A SHIELD
SPC 92% MIN COVERAGE
Ø .195 (4.95)

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 202/95/ED)	
Impedance (ohms)	100 (±15)	
Capacitance (pF/ft)	13.0	
Velocity of propagation	80.0% Nom.	
Dielectric voltage rating	1.5kV RMS	
Capacitance	13	
Transmission Characteristics	**Frequency**	**dB Typ/Max**
Typical and Maximum Attenuation at 20m Length	10 MHz	3.0/3.5
	100 MHz	8.2/9.3
	250 MHz	13.7/15.0
	500 MHz	20.5/21.26
Typ. = average pair loss Max. = worst pair loss	1000 MHz	28.1/30.0
	2000 MHz	41.0/43.0

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Dimensions in Inches (millimeters) are subject to change without notice.