

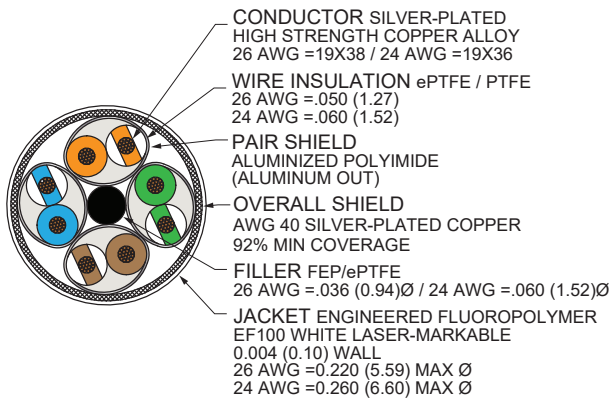
Cat 6A Cable for El Ochito® Contacts

26 and 24 AWG S/FTP Cat 6A Cable

Glenair Part Number 963-033-26 / -24

S/FTP 26 and 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 requirement up to 65 meters for 26 AWG, 80 meters for 24 AWG. **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.)	26 AWG = 35.0 / 24 AWG = 42.0
Capacitance (pF/ft)	12.5
Time Delay (ns/ft)	1.24

Maximum Attenuation 26AWG at 65m Length 24AWG at 80m Length	Frequency	dB
	10 MHz	5.9
100 MHz	19.1	
250 MHz	31.1	
500 MHz	45.3	

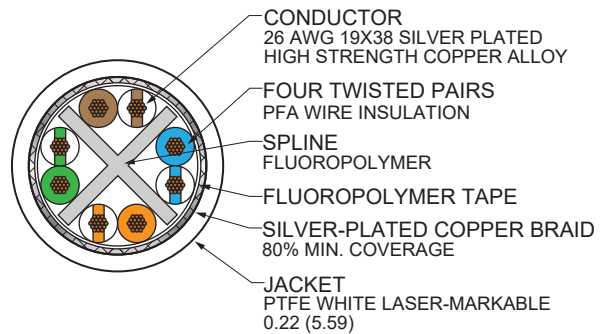
NEXT (minimum)	Frequency	dB
	1 MHz	74.3
10 MHz	59.2	
100 MHz	52.3	
250 MHz	47.9	
500 MHz	42.2	

26 AWG S/UTP Cat 6A Cable

Glenair Part Number 963-003-26

S/UTP 26 AWG cable is small, lightweight and flexible. Twisted pairs are separated by a fluoropolymer spline for reduced crosstalk and attenuation. This 200 °C cable is Skydrol resistant, RoHS compliant and meets FAA FAR Parts 23 and 25 Appendix F flammability requirements. Rugged, laser-markable PTFE jacket withstands abrasion and chemicals. Meets TIA568C.2 Category 6A performance up to 188 feet.

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
Temperature Rating	-55 to +200 °C
Weight (lbs/100 ft.)	3.5
Capacitance (pF/ft)	14.5
Minimum Bend Radius (inches)	0.66
Velocity of Propagation %	70
Dielectric Voltage Rating (kV rms)	1.5
DC Resistance, Max (ohms/1000 ft.)	44.8
Max Distance in Feet	188

Freq. (MHz)	Attenuation dB/100ft. max.	NEXT dB min.	SRL dB min.
10	3.7	59.3	25.0
100	11.2	44.3	20.1
250	17.4	38.3	15.2
500	24.0	33.8	15.2