

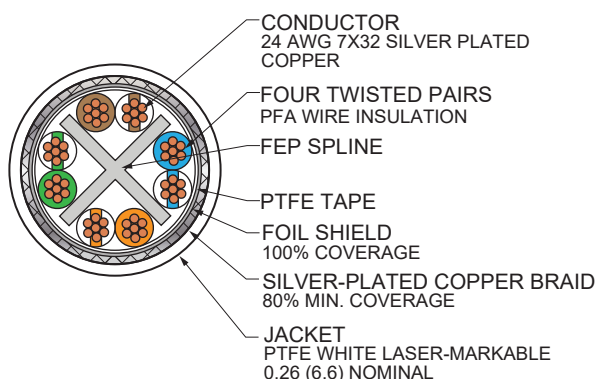
963-037-24 & 963-003-26 Cat 6A S/UTP Cable, Aerospace Grade

24 AWG S/UTP Cat 6A Cable

Glenair Part Number	963-037-24
Manufacturer Part Number	E6A3824
Manufacturer	PIC

S/UTP 24 AWG cable is specially designed for airborne 10 Gigabit Ethernet applications. Twisted pairs are separated by a fluoropolymer spline for reduced crosstalk and attenuation. This 200°C rated cable is Skydrol resistant, RoHS compliant and meets FAA FAR Parts 23 and 25 Appendix F flammability requirements. Laser-markable white PTFE jacket withstands abrasion and chemicals. Meets TIA568C.2 Category 6A performance up to 246 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 ± 15
Temperature Rating	-55° to +200°C
Weight (lbs/100 ft.)	4.6
Capacitance (pF/ft)	14.5
Minimum Bend Radius (inches)	.78
Velocity of Propagation %	70
Dielectric Voltage Rating (kV rms)	1.5
DC Resistance, Max (ohms/1000 ft.)	28.5
Max Distance in Feet (m)	246 (75)

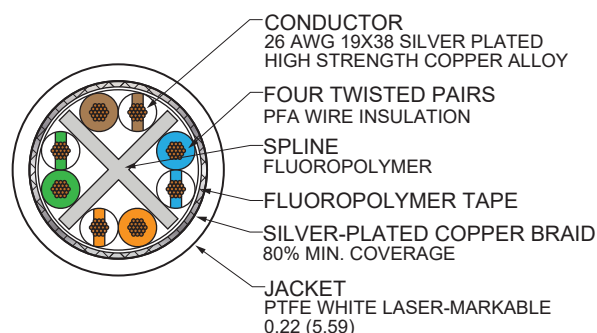
Freq. (MHz)	Attenuation dB/100ft. nom./max.	NEXT dB min.	SRL dB min.
10	2.3/2.6	59.3	25.0
100	7.0/8.4	44.3	19.0
250	11.4/13.7	38.3	15.6
500	16.5/20.0	33.8	13.0

26 AWG S/UTP Cat 6A Cable

Glenair Part Number	963-003-26
Manufacturer Part Number	E6A3826
Manufacturer	PIC

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