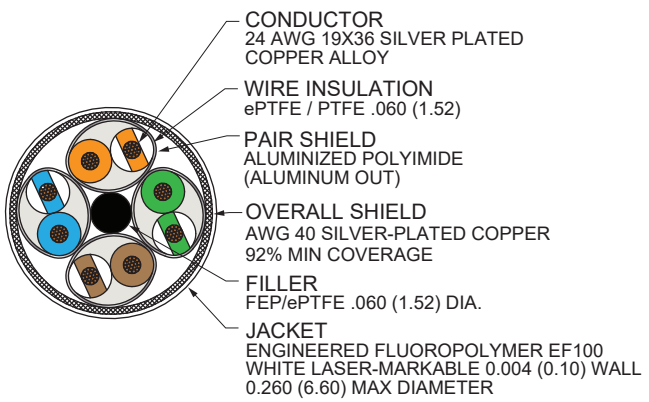
963-033 Cat 6A S/FTP Cable, Aerospace Grade

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

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

Specifications

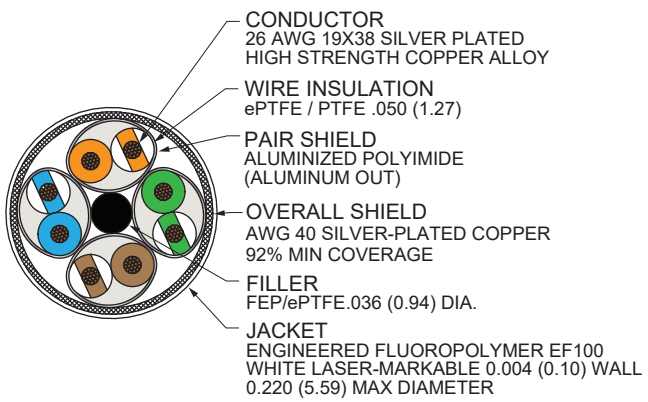
Impedance (ohms)	100 (+10 -5)	
Temperature Rating	-65° to +200°C	
Weight (lbs/1000 ft.)(max.)	45	
Capacitance (pF/ft)	12.5	
Time Delay (ns/ft)	1.24	
Maximum Attenuation at 80m Length	**Frequency**	**dB**
	10 MHz	5.9
	100 MHz	19.1
	250 MHz	31.1
	500 MHz	45.3
NEXT (minimum)	**Frequency**	**dB**
	1 MHz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



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)	1.24	
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