

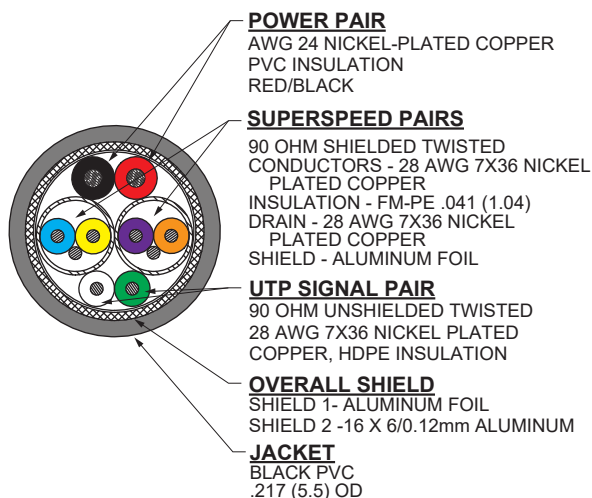
MIL-DTL-38999 Series III Type Environmental Connectors SuperSpeed USB Cables 963-118 and 963-110

Commercial Grade SuperSpeed USB Cable

Glenair Part Number **963-118**

90 ohm commercial-grade cable features PVC jacket. SuperSpeed data pairs feature low dielectric constant foamed PE insulation. Each SuperSpeed pair has an aluminized polyester shield. Overall shield is aluminum foil and aluminum wire braid.

Construction Details



Color Code

SuperSpeed pairs VIO/ORN and BLU/YEL · Power wires RED, BLK · Low speed pair WHT/GRN.

Specifications

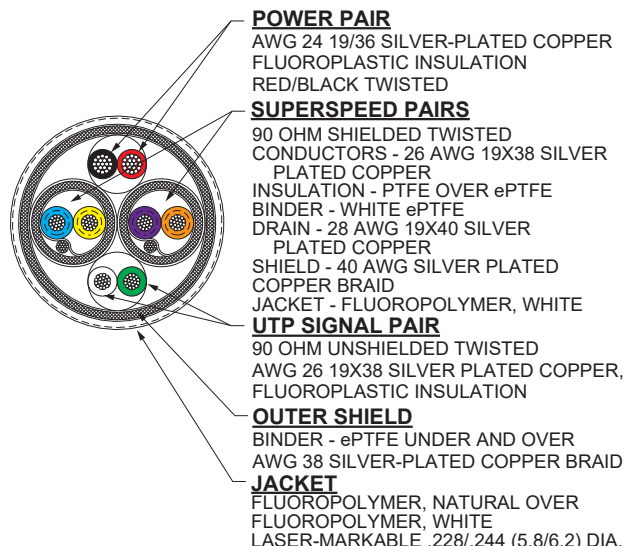
Impedance (ohms)		
High speed pairs	90 ± 7	
Low-speed pair	90 ±15%	
Temperature Rating	0° to +80°C	
Voltage Rating	30V	
Frequency (GHz)	IL (dB/m)	NEXT (dB)
0.1	1.5	32
1.25	5.0	N/A
2.5	7.5	32
3.0	N/A	23
7.5	25	23

Aerospace Grade SuperSpeed USB Cable

Glenair Part Number **963-110**

High performance, high temperature cable delivers dependable signal integrity over longer cable lengths. Fluoropolymer jacket can be laser-marked. Low-skew SuperSpeed data pairs have individual braid shields.

Construction Details



Color Code

SuperSpeed pairs VIO/ORN and BLU/YEL · Power wires RED, BLK · Low speed pair WHT/GRN.

Specifications

Impedance (ohms)	90 ± 5	
Temperature Rating	-65° to +200°C	
Voltage Rating	< 50 Vac	
Dielectric Withstanding Voltage	100 Vac rms	
Weight	57 g/m nominal	
Bend Radius (min.)	Static	Dynamics
	0.591 (15)	2.362 (60)
Attenuation (S0021)	Freq. (GHz)	dB/m max.
	.625	1.2
	1.25	1.7
	2.5	2.5
	5.0	3.9
	7.5	5.0