

# SuperSpeed USB Cables 963-118 and 963-110

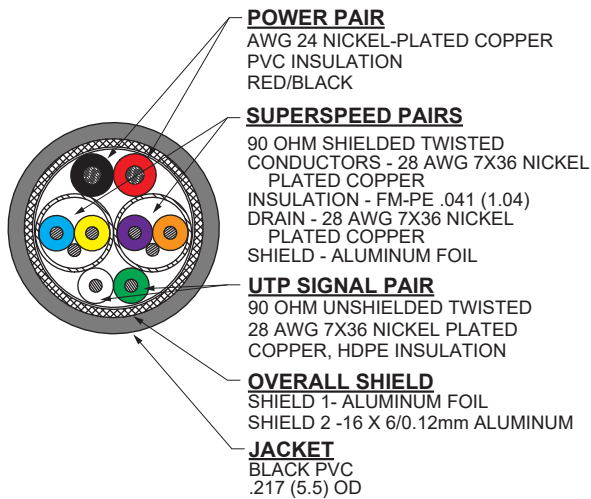
## MIL-DTL-38999 Series III type

### 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

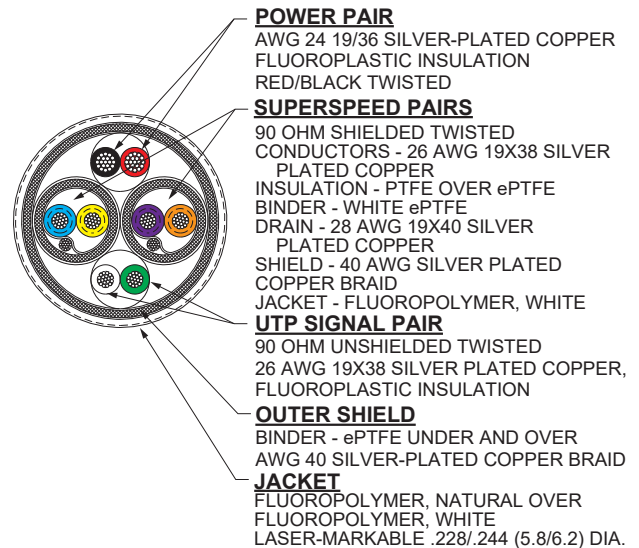
<b>Impedance (ohms)</b>		
High speed pairs	90 ± 7	
Low-speed pair	90 ±15%	
<b>Temperature Rating</b>	0° to +80°C	
<b>Voltage Rating</b>	30V	
<b>Frequency (GHz)</b>	<b>IL (dB/m)</b>	<b>NEXT (dB)</b>
0.1	1.5	32
1.25	5.0	N/A
2.5	7.5	32
3.0	N/A	23
7.5	25	23

### 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

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