

# SERIES 792

## High-Speed Ultraminiature Rectangular Connectors



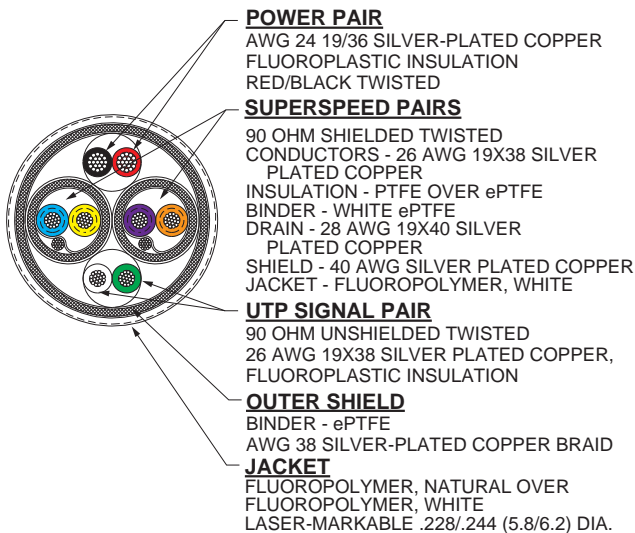
### SuperSpeed USB Cable for El Ochito® Contacts

#### 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. -65 to +200 °C.

##### Construction Details



##### Color Code

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

##### Specifications

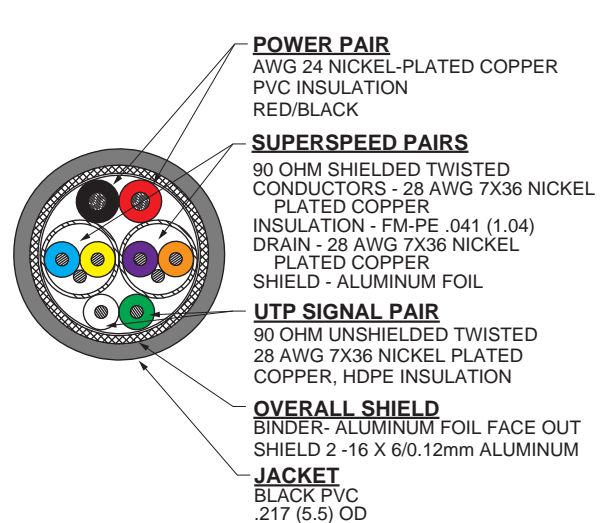
Impedance (ohms)	90 ± 5	
Temperature Rating	-65 to +200 °C	
Voltage Rating	< 50 Vac	
Dielectric Withstanding Voltage	100 Vac rms	
Weight	57 g/m nominal	
Attenuation (SDD21)	Freq. (GHz)	dB/m max.
	.625	1.2
	1.25	1.7
	2.5	2.5
	5.0	3.9
	7.5	5.0

#### 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)	90 ± 7 (USB 3.0 pairs)		
Impedance (ohms)	90 ± 15% (USB 2.0 pair)		
Temperature rating	0 to +80 °C		
Voltage	30V		
Intra-pair skew	15 ps/1.5m		
Differential to common mode	20 dB/cable @ 0.1-7.5 GHz		
	Frequency (GHz)	IL (dB@1.5m)	NEXT (dB)
	0.1	1.5	32
	1.25	5.0	
	2.5	7.5	32
	3.0		23
	7.5	25.0	23