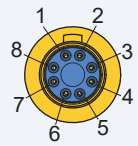
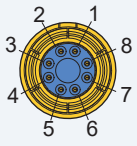
El Ochito® Blue Jumpers, Type I & Type II, USB 3.0 8582-0010

El Ochito® Blue for SuperSpeed USB, pin contact mating face

Contact Positions



Mating face of Pin



Mating face of Socket

Technical Data

- **Operating temp.**: 0° to +80°C
- **Impedance**: 90 ohms
- **DWV:** 100 Vrms
- **Current Rating**: 1.5 A
- **IR**: 100 megohms min.
- **Durability**: 500 mating cycles

Construction

- Refer to individual contact data sheets for additional details
- 100% tested for shorts, continuity and IR
- **Cable:** commercial-grade, PVC jacket, non-DFAR compliant

USB 3.0 Connectors. Commercial grade. 100% tested. Save assembly time and cost with pre-wired El Ochito® Blue SuperSpeed USB assemblies. These assemblies have El Ochito® Blue contacts wired to USB 3.0 Connectors. Supplied with grommet follower boot. Compatible with Glenair Series 23, Series 28, Series 792, Series 816, Series 806, and ARINC 600 connectors. ***El Ochito® contacts must be installed in keyed connectors before mating to prevent misalignment and contact damage.***

Cat 8 Pre-Wired El Ochito® Pin-Socket Assemblies

Sample Part Number→	8582-0010	-PS	A1	A1	-6077	-12
Product	8582-0010 = Pre-wired El Ochito® contacts, Pin-to-Socket					
Config Code	See Table I					
P1 Order Code	See Table II					
P2 Order Code	See Table II (Config Code PS Only)					
Cable Type	See Table III					
Length	Length in Inches (12 inch minimum)					

Table I: Configuration Code

CODE	Configuration*	SCHEME*
PS	Pin to Socket	N/A
PN	Pin to Flying Lead	
SN	Socket to Flying Lead	
P1	Pin to USB 3.0 Type A Plug	Scheme 1
S2	Socket to USB 3.0 Type B Plug	
S3	Socket to USB 3.0 Type uB Plug	
S1	Socket to USB 3.0 Type A Plug	Scheme 2
P2	Pin to USB 3.0 Type B Plug	
P3	Pin to USB 3.0 Type uB Plug	

*Do not mate Scheme 1 to Scheme 2.

Table II: Ochito Type I and Type II Order Code

Order Code	Connector Series	Ochito Type	Pin Contact	Socket Contact
A1	23/28	Type I	858-028	858-029
B2	23/28	Type II	858-069	858-070
C1	792/806/816	Type I	858-047	858-048
D2	792	Type II	858-071	858-072
E2	806/816	Type II	858-073	858-074
F1	ARINC 600 (ALIGNMENT)	Type I	858-038	858-035
G1	ARINC 600 (SEALING)	Type I	858-038	858-035
H1	EN3545	Type I	858-057	858-058

Table III: Cable Type

Code	Wire Size AWG		Cable Part Number	Ochito Type Compatibility
	Diff. Pair (SS Drain)	Power		
-4077	24 (26)	24	963-077-24	Type II Contacts Only
-6077	26 (28)	24	963-077-26	Type I Or Type II Contacts

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Dimensions in Inches (millimeters) are subject to change without notice.

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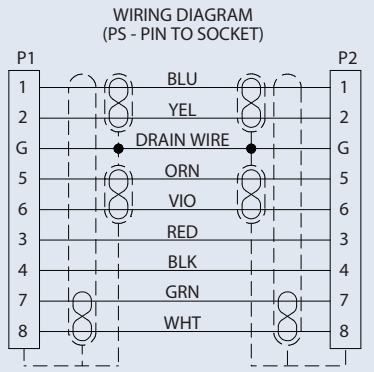
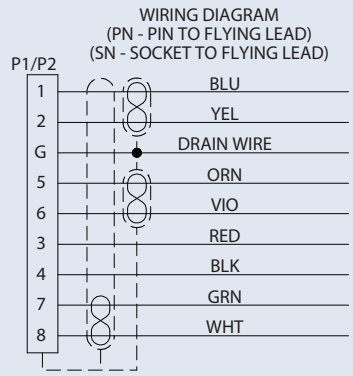
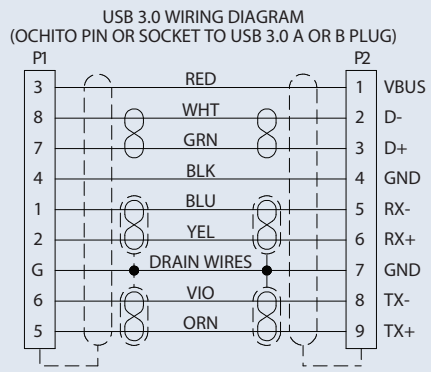
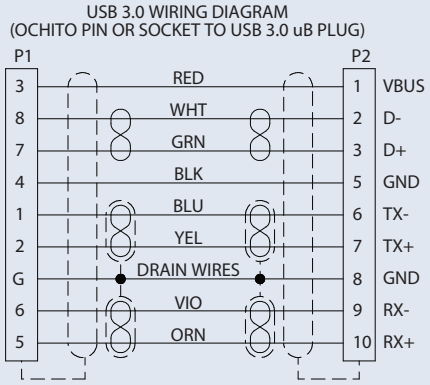
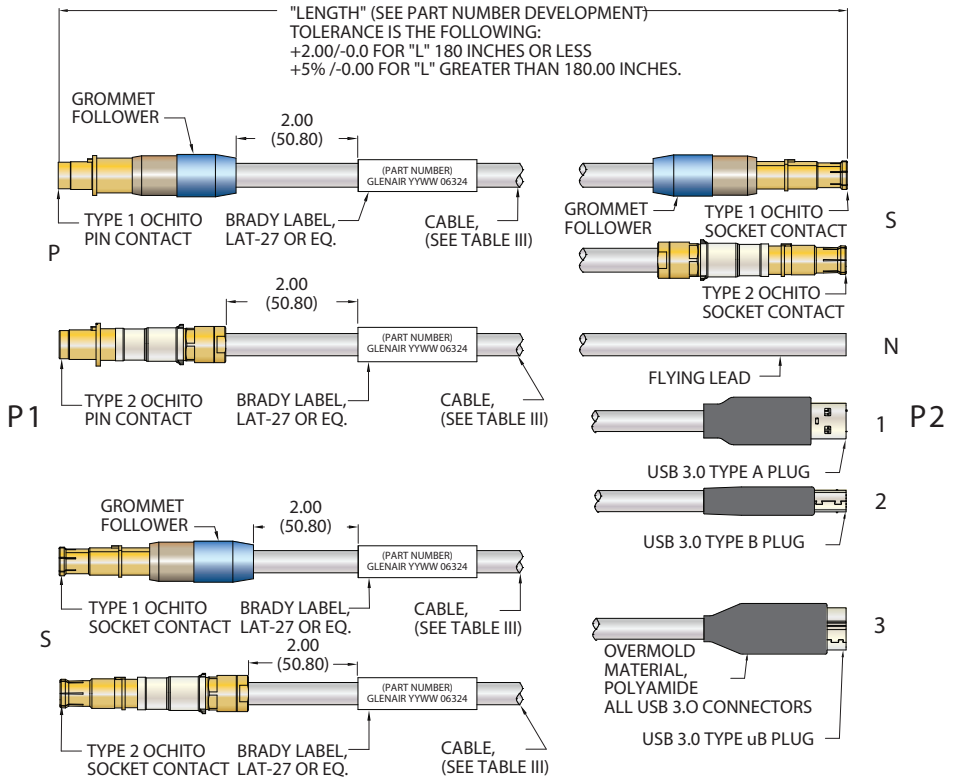
Wiring Diagram



Wiring Diagram



USB 3.0 Wiring Diagram



USB 3.0 Wiring Diagram