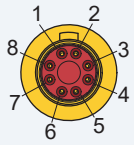
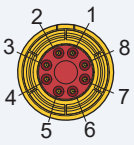
El Ochito® Red Jumpers, Type I & Type II, 10 Gigabit 100 Ohm 8583-0010

El Ochito® Red for Multi-Gigabit 100 Ohm Datalinks, pin contact mating face

Contact Positions



Mating face of Pin



Mating face of Socket

Technical Data

- Refer to individual contact and wire data sheets for construction details
- 100% tested for shorts, continuity and IR

- **Operating temp.:**
  963-122-1 and -3: -65° to +175°C
  963-122-2: -40° to +90°C
- **Impedance:** 100 ohms
- **DWV:** 300 Vrms
- **Current Rating:** 1.5 A
- **IR:** 10 megohms min.
- **Durability:** 500 mating cycles

Table I: Configuration Code

Code	Configuration*
PS	Pin to Socket
PN	Pin to Flying Lead
SN	Socket to Flying Lead

*Consult factory for pin to pin or socket-socket custom assemblies.

Save assembly time and cost with pre-wired, 100% tested El Ochito® Red assemblies for up to 10 Gbps per pair. These single-ended cables have El Ochito® Red contacts terminated to Glenair general purpose, aerospace-grade 100 ohm shielded twisted pair cable. Suitable for HDMI and DisplayPort protocol applications. Compatible with Glenair Series 23, Series, Series 28, Series 792, Series 816, Series 806 and ARINC 600 connectors. Designed to meet the requirements of MIL-DTL-38999 and SAE AS39029. ***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→	8583-0010	-PS	A1	A1	-6080	-12
Product	8583-0010 = 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 II: Ochito Type I and Type II Order Code

Order Code	Connector Series	Ochito Type	Pin Contact	Socket Contact
A1	23/28	Type I	858-030	858-031
B2	23/28	Type II	858-063	858-064
C1	792/806/816	Type I	858-049	858-050
D2	792	Type II	858-065	858-066
E2	806/816	Type II	858-067	858-068
F1	ARINC 600 (ALIGNMENT)	Type I	858-039	858-037
G1	ARINC 600 (SEALING)	Type I	858-039	858-037
H1	EN3545	Type I	858-059	858-060

Table III: Cable Type

Code	Wire Size Awg	Cable Part Number	Ochito Type Compatibility
-4080	24	963-080-24	Type II Contacts Only
-6080	26	963-080-26	Type I Or Type II Contacts

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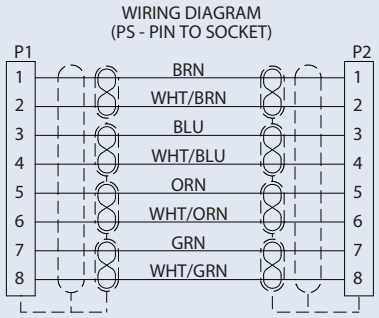
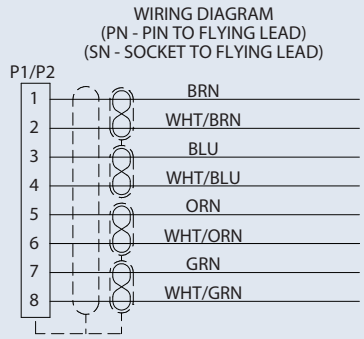
Dimensions in Inches (millimeters) are subject to change without notice.

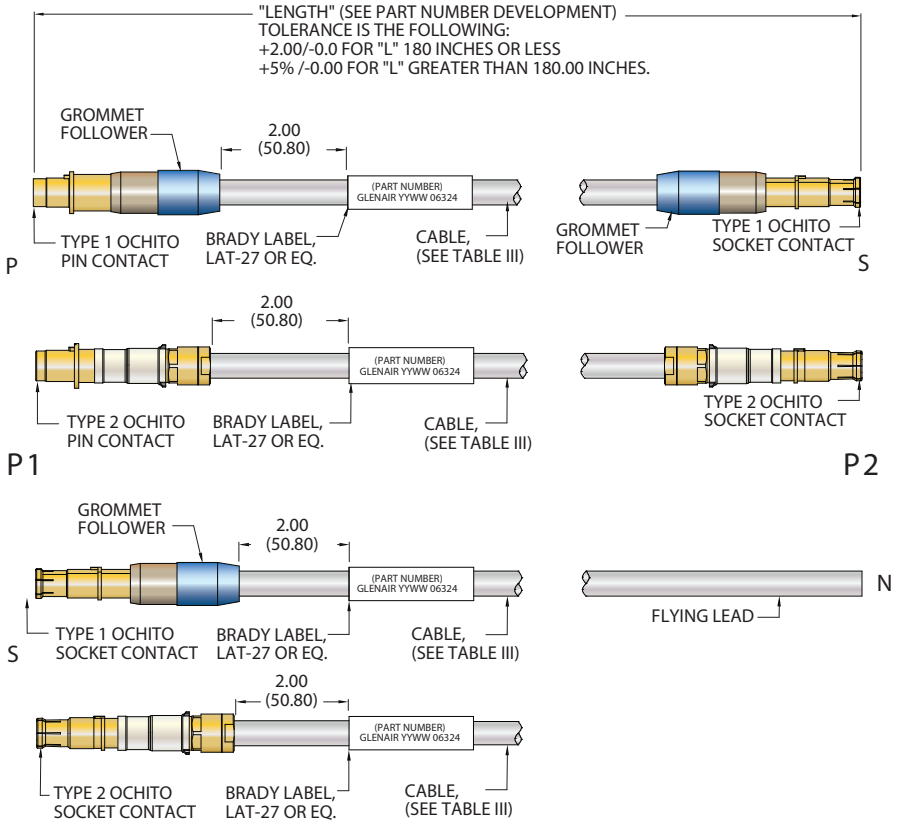
El Ochito® Red Jumpers, Type I & Type II, 10 Gigabit 100 Ohm 8583-0010

Wiring Diagram



Wiring Diagram





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