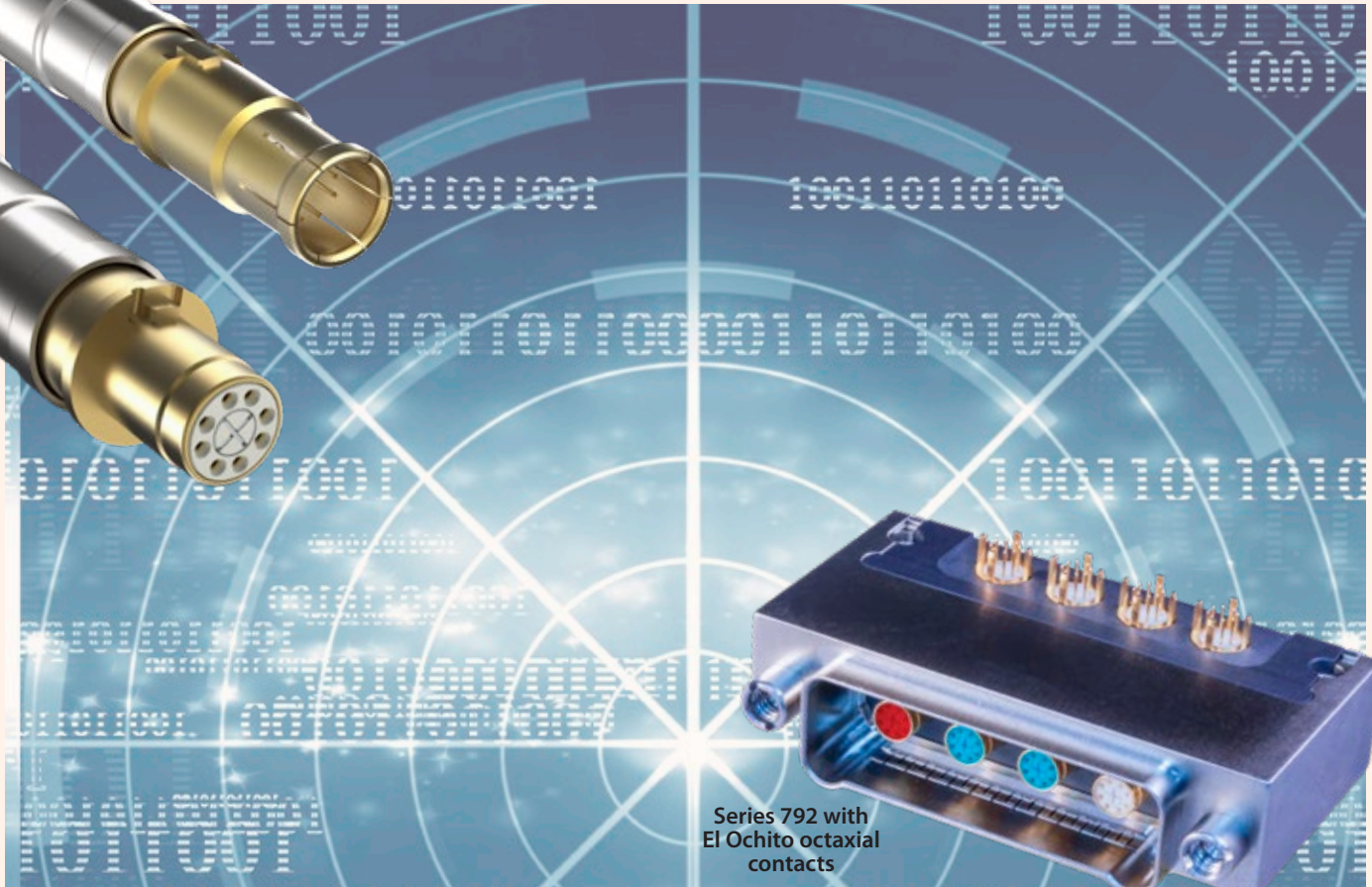


HIGH-SPEED  
OCTAXIAL  
CONTACTS

# E1 Ochito®

High-speed octaxial contacts for Ethernet,  
SuperSpeed USB and multi-gigabit datalinks



Series 792 with  
E1 Ochito octaxial  
contacts

High speed, harsh environment E1 Ochito® octaxial contacts save size and weight in aircraft avionics, weapons systems, satellites, radars, and communications equipment.

#### AVAILABLE SIGNATURE CONNECTOR PACKAGING INCLUDES



SuperFly  
Nanominiature

806 Mil-Aero  
Micro miniature

SuperNine  
"Better than QPL" 38999

- 10GbE, SuperSpeed USB, and multi-gigabit shielded pairs
- Universal drop-in for keyed size #8 connector cavities
- Data-pair isolation for optimal signal integrity
- Crimp or threaded shield termination contact types
- Snap-in, rear release
- Environmentally sealed
- Aerospace-grade cable assemblies
- 50% cable / contact reduction compared to Quadrax

# HIGH-SPEED OCTAXIAL El Ochito® Contacts



## Protocols, exploded views of Type I and Type II contacts

### El Ochito® White



#### 1000BASE-T, 10GBASE-T

El Ochito® White octaxial contacts provide 10GbE in a single size #8 contact cavity (compared to two Quadrax) for 100BASE-T solutions.

### El Ochito® Blue



#### SuperSpeed USB

*Low-dielectric material. 90 ohms.* El Ochito® Blue octaxial contacts provide an aerospace-grade solution for SuperSpeed USB 3.0

### El Ochito® Red

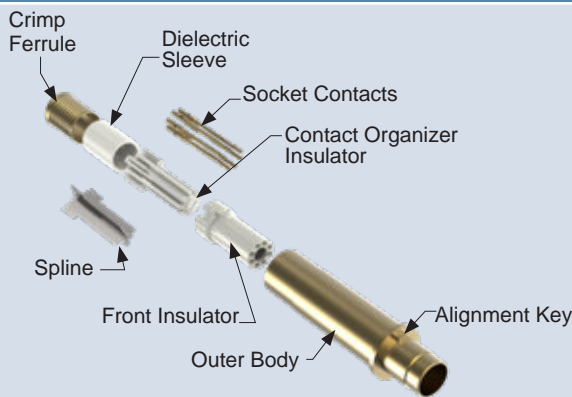


#### HDMI, DisplayPort, SATA

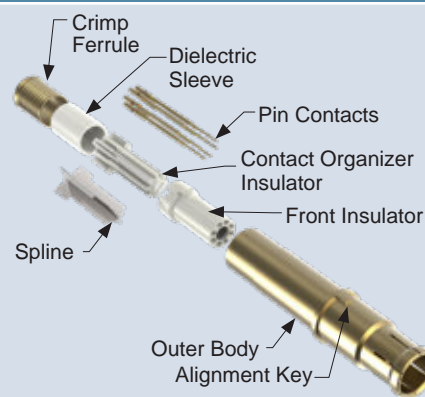
*Low-dielectric material. Up to 5 Gbps. 100 ohms.* El Ochito® Red octaxial contacts provide an aerospace-grade solution for multi-gigabit data rates.

## El Ochito® Type I Contacts, Non-Serviceable

26 AWG, Crimp Wire Shield Termination



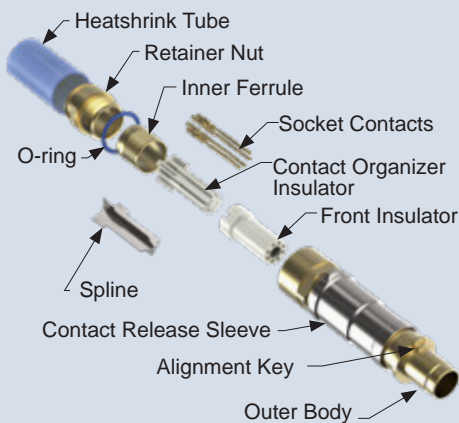
### Type I Pin Contact



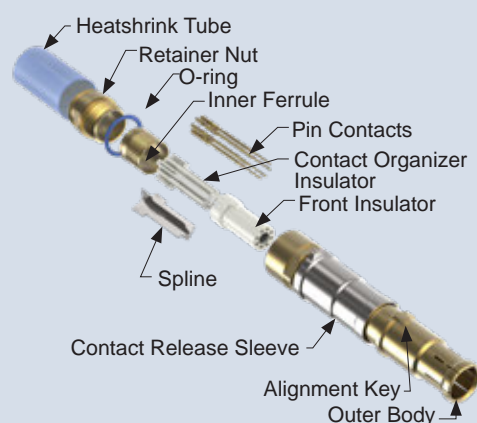
### Type I Socket Contact

## El Ochito® Type II Contacts, Serviceable

24-26 AWG, Threaded Wire Shield Termination, Integral Contact Release Sleeve



### Type II Pin Contact




### Type II Socket Contact

# HIGH-SPEED OCTAXIAL El Ochito® White Contacts



## How To Order

El Ochito® Contacts: How To Order								
					<b>Data Protocol: 10G Ethernet</b> El Ochito® White			
Connector Type	Wire Size	Cable Type	Cable		El Ochito® Type I		El Ochito® Type II	
			Glenair Part No. <i>(Mfr. P/N)</i>	Cable Dia.	Pin Contact <i>Assembly Instr.</i>	Skt Contact <i>Assembly Instr.</i>	Pin Contact <i>Assembly Instr.</i>	Skt Contact <i>Assembly Instr.</i>
ARINC 600	26	S/UTP	963-003-26 (PIC E6A3826)	.220 (5.56)	858-009-01 AI85074-01	858-010-01 AI85074-01		
		S/FTP	963-033-26 (Gore RCN9047-26)	.220 (5.56)	858-009-02 AI85084-01	858-010-02 AI85084-01		
Series 23 SuperNine®	24	S/UTP	963-037-24	.260 (6.60)			858-005-03 AI85097-03	858-006-03 AI85097-03
		S/FTP	963-033-24	.260 (6.60)			858-005-04 AI85097-04	858-006-04 AI85097-04
Series 801 and 805 Mighty Mouse	26	S/UTP	963-003-26 (PIC E6A3826)	.220 (5.56)	858-003-01F AI85048-01	858-004-01F AI85048-01	858-005-01 AI85097-01	858-006-01 AI85097-01
		S/FTP	963-033-26 (Gore RCN9047-26)	.220 (5.56)	858-003-02F AI85048-02	858-004-02F AI85048-02	858-005-02 AI85097-01	858-006-02 AI85097-01
Series 792	24		963-037-24 (PIC E6A3824)	.260 (6.60)			858-043-03 AI85134-03	858-042-03 AI85134-03
			963-033-24 (Gore RCN9047-24)	.260 (6.60)			858-043-04 AI85134-04	858-042-04 AI85134-04
	26	S/UTP	963-003-26 (PIC E6A3826)	.220 (5.56)	858-045-01F AI85048-01	858-046-01F AI85048-01	858-043-01 AI85134-01	858-042-01 AI85134-01
		S/FTP	963-033-26 (Gore RCN9047-26)	.220 (5.56)	858-045-02F AI85048-02	858-046-02F AI85048-02	858-043-02 AI85134-02	858-042-02 AI85134-02
Series 806	24	S/UTP	963-037-24 (PIC E6A3824)	.260 (6.60)			858-051-03 AI85149-03	858-052-03 AI85149-03
		S/FTP	963-033-24 (Gore RCN9047-24)	.260 (6.60)			858-051-04 AI85149-04	858-052-04 AI85149-04
	26	S/UTP	963-003-26 (PIC E6A3826)	.220 (5.56)	858-045-01F AI85048-01	858-046-01F AI85048-01	858-051-01 AI85149-01	858-052-01 AI85149-01
		S/FTP	963-033-26 (Gore RCN9047-26)	.220 (5.56)	858-045-02F AI85048-02	858-046-02F AI85048-02	858-051-02 AI85149-02	858-052-02 AI85149-02
EPXB	26	S/UTP	963-003-26 (PIC E6A3826)	.220 (5.56)	858-014-02F AI85099-01	858-015-02F AI85099-01		
		S/FTP	963-033-26 (Gore RCN9047-26)	.220 (5.56)	858-014-01F AI85105-01	858-015-01F AI85105-01		

# HIGH-SPEED OCTAXIAL El Ochito® Blue and Red Contacts



## How To Order

### El Ochito® Contacts: How To Order



#### Data Protocol: SuperSpeed USB El Ochito® Blue

Connector Type	Wire Size	Cable Type	Cable		El Ochito® Type I	
			Glenair Part No.	Cable Dia.	Pin Contact Assembly Instr.	Socket Contact Assembly Instr.
Series 792 and 806	26	Commercial Grade (PVC Jacket)	963-118	.217 (5.51)	858-047-01F AI85114-02	858-048-01F AI85114-02
		Aerospace Grade (Fluoropolymer Jacket)	963-110	.236 (5.99)	858-047-02F AI85090-01	858-048-02F AI85090-01
Series 23 SuperNine® Series 801 and 805 Mighty Mouse Series 28 HiPer-D®	26	Commercial Grade (PVC Jacket)	963-118	.217 (5.51)	858-028-01F AI85114-02	858-029-01F AI85114-02
		Aerospace Grade (Fluoropolymer Jacket)	963-110	.236 (5.99)	858-028-02F AI85090-01	858-029-02F AI85090-01
ARINC 600	26	Commercial Grade (PVC Jacket)	963-118	.217 (5.51)	858-038-01 AI85124-01	858-035-01 AI852124-01
		Aerospace Grade (Fluoropolymer Jacket)	963-110	.236 (5.99)	858-038-02 AI85124-02	858-035-02 AI85124-02



#### Data Protocol: HDMI/SATA/DisplayPort/General High-Speed El Ochito® Red

Connector Type	Wire Size	Cable Type	Cable		El Ochito® Type I	
			Glenair Part No.	Cable Dia.	Pin Contact Assembly Instr.	Socket Contact Assembly Instr.
Series 792 and 806	26	4 Pair S/FTP	1Gb/s and above 963-122-X*	.299 (7.59)	858-049-01F* AI85048-02	858-050-01F* AI85048-02
Series 23 SuperNine® Series 801 and 805 Mighty Mouse Series 28 HiPer-D®			Up to 1Gb/s 963-033-26	.220 (5.56)	858-030-02F* AI85048-02	858-031-02F* AI85048-02
ARINC 600			HDMI/Display Port 963-120-X* 963-127-X*	.429 (10.9) .330 (8.38)	858-039-01 AI85084-01	858-037-01 AI85084-01
Series 792 and 806	26	Parallel Pair Twinax	SATA 963-043-26 [2 pcs.]	.116 x .071 (2.95 x 1.80)	858-049-02 AI85084-02	858-050-02 AI85084-02
Series 23 SuperNine® Series 801 and 805 Mighty Mouse Series 28 HiPer-D®					858-030-03 AI85084-03	858-031-03 AI85084-03
ARINC 600					858-039-02 AI85084-02	858-037-02 AI85084-02

\* Omit F when using this cable