

MICRO-CRIMP RECTANGULAR CONNECTORS

Series 792 High-Speed

SERIES
792
High-Speed

Series 792 Features

SERIES 792 HIGH-SPEED



Series 792

The Series 792 connector is a high reliability aerospace-grade rectangular connector optimized for use with twinax, quadrax or *El Ochito*® octaxial contacts. Contact cavities have precision keyways for trouble-free contact alignment. The tight-tolerance scoop-proof shell provides robust polarization. Pin contacts are recessed to prevent scooping damage. Contact arrangements include combo layouts with up to 42 size 23 contacts.

Contact Types

Differential Twinax
QuadraX
QuadraX PCB
El Ochito
El Ochito PCB
Coax
Power



Connector Types

Crimp, Rear Release

792 crimp connectors have retention clips in contact cavities. Wired contacts snap into connector bodies and are removable. Size 8 contacts are not included with connector and are ordered separately. Size 23 contacts are included with connector.

PCB Termination

792 connectors are available in straight tail or 90° PCB versions with quadrax or *El Ochito*® contacts. Connectors have factory-aligned contacts for thru-hole mounting. Connectors are epoxy sealed and are compatible with conformal coatings.

El Ochito® Octaxial Contacts



The Ochito contact is a high speed shielded #8 contact for termination to aerospace-grade differential pair cables. Compatible with #24 and #26 AWG wire, the Ochito provides high performance in a small size.

OCHITO PROTOCOLS



WHITE
1000BASE-T
10GBASE-T
40GBASE-T



BLUE
USB 3.0



RED
HDMI, SATA,
DisplayPort

Environmental Protection

792 connectors have fluorosilicone wire grommets and interfacial seals for ingress protection. PCB versions have epoxy-sealed terminals. Panel mount versions have a fluorosilicone O-ring for panel sealing.



Panel Mounting

Space-saving Series 792 connectors are designed for easy installation onto boxes and modules. The connector flange has blind threaded mounting holes and an O-ring for ingress protection.

Blind Mating

Series 792 connectors are available with guide pins for blind mate applications. Float mount versions are also available.



Up to 9 Data Ports in 6 Shell Sizes

792 connectors provide 1-9 data ports in a single connector.



EMI Shielding

Ground Springs

Optional ground springs provide low, stable shell-to-shell resistance. Available on 792 receptacles.

Conductive O-ring

792 panel mount connectors can be specified with a conductive O-ring for improved panel bonding.

EMI backshell

Lightweight banding backshells provide shielding. Split piggyback banding adapters seat into groove on connector shell for maximum shielding with minimum weight.



Grounded Arrangements

Grounded contact arrangements replace thermoplastic dielectric inserts with all-aluminum construction. Grounded versions prevent EMI noise from penetrating through the connector and provide a common ground.

90° PCB Shroud

792 right angle PCB connectors have a metal shroud over contact tails for EMI shielding.

Combo Arrangements

792 combo arrangements have high-density size #23 contacts. Contacts are rated for 750 VAC, 5 amps, and accept #22 AWG wire.

