

NO2-4FD-1 Chassis connector with hard Nickel plating, 4 solder contacts and 1 shell ground contact.

TECHNICAL DATA

The chassis connector acts as a "feed-through" allowing simplified installations by connecting a conventional LC-Duplex on the rear. It is built in the standard D size shell and features an automatic sealing cover for maximum dust and dirt protection and a Push-Pull locking mechanism for safe connection. Colored labeling plates are included to identify the fiber mode.

Optical Optical connector: LC-Duplex Fiber: Multimode, Singlemode PC, Singlemode APC

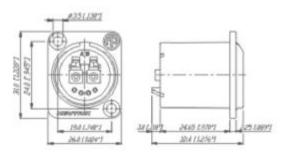
Electrical Number of contacts: 4 + 1 ground contact Ground contact: Faston 2.8 x 0.5 (soldering possible) Rated current: 3 A Contact resistance: < 7 m Ohm Insulation resistance: - initial > 2 G Ohm - after damp heat test: 1 G Ohm Dielectric strength: 1500 V dc Rated voltage: 50 V ac

Mechanical Insertion / withdrawal force: < 45 N Lifetime: > 1000 cycles Mounting direction: front

Materials Shell: Zinc diecast (ZnAI4Cu1) (hard Nickel plating) Insert / Insulation: Polyamid PA 6, PBT 30% GR, PBT 50% GR Female contacts: Bronze (CuSn6) Contact surface: Gold (gal 0.2 µm Au over 2 µm Ni) Slit sleeve: Ceramics

Environment Operating temperature: -30° C to +80° C Solderability: complies with IEC 68-2-20 Flammability: UL 94 HB

More technical information and test reports you can find at Technical Support -Approvals - OpticalCon Technical Paper. PDF DXF



Fiber Optic Connection System / OpticalCon Connectors

The OpticalCon system consists of a ruggedized all metal and dirt protected chassis and cable connector to increase the reliability and maximize the uptime for fiber optic connection systems. The system is based on a standard optical LC-Duplex connection; however, the OpticalCon improves this original design to ensure a safe and rugged connection. Due to the compatibility with conventional LC connectors, it offers the choice of utilizing a cost effective LC connector as a permanent connection, or Neutrik's rugged OpticalCon cable connector for mobile applications. It enables up to four copper wires to run power or data signals through.