



Product Data Sheet

Neutrik NO2-4FDW-1-A opticalCON
Duo Panel Connectors (Earth Tag)

Description



Neutrik NO2-4FDW-1-A is a chassis connector with black chromium plating, 4 solder contacts, 1 LC-Duplex feedthrough socket and 1 shell ground contact (for SMPTE cable shield), waterproof acc. to IP65 ingress protection in mated condition with SCDP-*

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.

Not compatible to SMPTE 304M standard. Suitable for indoor (studio) camera links considering specific conditions acc. to IEC 60664-1 like pollution degree 1, overvoltage category 1 and rated voltage.

Product	SKU
NEUTRIK NO2-4FDW-1-A OPTICALCON DUO PANEL CONNECTORS (EARTH TAG)	KQ-00-1009



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Key Benefits

- Suggested OEM equipment connector due to LC front compatibility
- Designed as feedthrough with automatic sealing shutter
- Shutter with silicone gasket protects optical connection from dust and dirt
- Suitable for indoor (studio) camera links considering specific conditions acc. to IEC 60664-1 like pollution degree 1, overvoltage category 1 and rated voltage
- Accommodates standard LC connectors on the rear for simple installation
- Connection on the front side either by rugged opticalCON or standard LC connector
- The low cost of the chassis connector makes it a viable alternative to traditional connectors in fixed installations
- IP65 ingress protection in mated condition with SCDP-*Colour coding with SCDP-* according to ANSI/TIA-568.3-D Standard: Multimode - black, Single mode PC - blue, Single mode APC - green

Technical Specification

Neutrik NO2-4FDW-1-A Specification

Gender: Female	Mounting direction: Front mounting
Electrical	Chassis shape: D
Contact resistance: < 7 mΩ	Material
Dielectric strength: 1,5 kVdc	Contacts: Bronze (CuSn6)
Insulation resistance: > 2 GΩ (initial)	Insert: Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
Rated current per contact: 6 A	Shell: Zinc diecast (ZnAl4Cu1)
Rated voltage: < 50 V (1)	Shell plating: Black chromium
Ground contact: Faston 2.8 x 0.5 (soldering possible)	Split sleeve: ceramics
Mechanical	Environmental
Insertion force: < 45 N	Flammability: UL 94 V-0
Withdrawal force: < 45 N	Temperature range: -40 °C to +75 °C
Lifetime: > 5000 mating cycles	Optical
Locking force: 1000 N	Insertion loss: < 0.4 dB / connection
Locking device: Push-Pull	Optical connector: LC-Duplex Feedthrough