



Product Data Sheet

Neutrik NO2-4FDW-A opticalCON Duo Panel Mount

Description



The Neutrik NO2-4FDW-A is a chassis connector with black chromium plating, 4 solder contacts and 1 LC-Duplex feedthrough socket, 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.

Product	SKU
NEUTRIK NO2-4FDW-A OPTICALCON DUO PANEL MOUNT	KQ-00-1010

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
 - 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
- Improved contacts to allow indoor camera routing applications (pollution degree 1, overvoltage category 1) acc. to IEC 60664 up to 240 V ac.



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Technical Specification

NO2-4FDW-A opticalCON Duo Panel Mount 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)	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