NO2-4FDW-1-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.

Features & 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

All rights reserved / 13.11.2026

- IP65 ingress protection in mated condition with SCDP-*
- Color coding with SCDP-* according to ANSI/TIA-568.3-D Standard:
  Multimode - black
  Single mode PC - blue
  Single mode APC - green

Technical Information

Product	
Title	NO2-4FDW-1-A
Gender	female

All rights reserved / 13.11.2026

NEUTRIK

Electrical	
Contact resistance	< 7 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 2 GΩ (initial)
Rated current per contact	6 A
Rated voltage	< 50 V (1)
Ground contact	Faston 2.8 x 0.5 (soldering possible)

Mechanical	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime (typ.)	5000 mating cycles
Locking force	1000 N
Wiresize	
Locking device	Push-Pull
Mounting direction	Front mounting
Chassis shape	D

Material	
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Split sleeve	ceramics

All rights reserved / 13.11.2026

Environmental	
Temperature range	-40 °C to +75 °C
Protection class	IP65 in mated condition in combination with SCDP-*

Optical	
Insertion loss	< 0.4 dB / connection
Optical connector	LC-Duplex Feedthrough

All rights reserved / 13.11.2026