

# NO2-4FDW-1-A

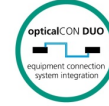
Chassis connector with black chromium plating, 4 solder contacts, 1 LC-Duplex feedthrough socket and 1 shell ground contact (for SMPTE cable shield), waterproof acc. to IP 65, front panel mount

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 sealings are included to identify the fiber mode.

Not compatible to SMPTE 344M 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.



## Image gallery



## 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
- Water resistant according to IP65 ingress protection in mated condition
- In case of limited space the chassis can be mounted without rubber gasket. IP rating for this is IP52.
- Color coded rubber sealing to identify fiber mode:
  - Multimode - black
  - Single mode PC - blue
  - Single mode APC - green

## Attention! - Product Update



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

## Technical Information [hide](#)

Product	
Title	NO2-4FDW-1-A
Gender	female
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)
<b>Mechanical</b>	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime	> 5000 mating cycles
Locking force	1000 N
Locking device	Push-Pull
Mounting direction	Front mounting
Chassis shape	D
<b>Material</b>	
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Split sleeve	ceramics
<b>Environmental</b>	
Temperature range	-40 °C to +75 °C
<b>Optical</b>	
Insertion loss	< 0.4 dB / connection
Optical connector	LC-Duplex Feedthrough
<b>Product specific</b>	
(1)	Not compatible to the SMPTE standard, suitable for indoor studio applications acc. IEC 60664-1 (pollution degree 1, over voltage category 1)

## Accessories

CAS-FOCD-ADV



NAO2\*-SFP-LC



NAOBO



NDO



SCNO-FDW-A



SCDP-\*



SCDR



SCDX



opticalCON QUAD  
loop Connector



NOSPM-LC50-LC50



NZPF1RU



NZPF3RU



NZPFD



NZPFD-2



NZPFD-4SC



NZPFD-4ST



SCD-NC



SCCD-W

