

NO2-4FDW-A

Chassis connector with black chromium plating, 4 solder contacts and 1 LC-Duplex feedthrough socket, waterproof acc. to IP65, 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.



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
- 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 IP 52.
- Color coded rubber sealing to identify fiber mode:
 - Multimode - black
 - Single mode PC - blue
 - Single mode APC - green

Image gallery



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-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)
Mechanical	

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
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
Environmental	
Temperature range	-40 °C to +75 °C
Optical	
Optical connector	LC-Duplex Feedthrough
Product specific	
(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