

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



Downloads

- [Expert's report opticalCON](#)
- [Handling Instruction - opticalCON](#)
- [opticalCON Audio, Video, Lighting Application](#)
- [opticalCON Broadcast Application OB Truck](#)
- [opticalCON DUO Technical Paper](#)
- [Product Folder opticalCON](#)
- [Product Guide 2013, 05 Data Connectors](#)
- [Drawing NO2-4FDW-A](#)
- [Drawing NO2-4FDW-A](#)

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

Product	
Title	NO2-4FDW-A
Gender	female
Electrical	
Contact resistance	< 7 mΩ (inner)
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
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-DUMMY	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



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