

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



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.

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
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
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Optical

Optical connector	LC-Duplex Feedthrough
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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)
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