



## NO2-4FDW-A

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

### Features & Benefits

- Suggested OEM equipment connector due to LC front compatibility
- Shutter with silicone gasket protects optical connection from dust and dirt
- Connection on the front side either by rugged opticalCON or standard LC connector
- IP65 ingress protection in mated condition with SCDP-\*
- Designed as feedthrough with automatic sealing shutter
- Accommodates standard LC connectors on the rear for simple installation
- The low cost of the chassis connector makes it a viable alternative to traditional connectors in fixed installations
- Color coding with SCDP-\* according to ANSI/TIA-568.3-D Standard:
  - 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**

Product	
<b>Title</b>	NO2-4FDW-A
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	< 7 mΩ
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	> 2 GΩ (initial)
<b>Rated current per contact</b>	6 A
<b>Rated voltage</b>	< 50 V (1)

Mechanical	
<b>Insertion force</b>	< 45 N
<b>Withdrawal force</b>	< 45 N
<b>Lifetime</b>	> 5000 mating cycles
<b>Locking force</b>	1000 N
<b>Wiresize</b>	
<b>Locking device</b>	Push-Pull
<b>Mounting direction</b>	Front mounting
<b>Chassis shape</b>	D

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

## Environmental

<b>Flammability</b>	UL 94 V-0
<b>Temperature range</b>	-40 °C to +75 °C

## Optical

<b>Optical connector</b>	LC-Duplex Feedthrough
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