



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
- ✓ 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
- ✓ IP65 ingress protection in mated condition with SCDP-^{*}
- ✓ Color coding with SCDP-^{*} according to ANSI/TIA-568.3-D Standard:
 - Multimode - black
 - Single mode PC - blue
 - Single mode APC - green

Technical Information

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 (typ.)	5000 mating cycles
Locking force	1000 N
Wiresize	
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
Protection class	IP65 in mated condition in combination with SCDP-*

Optical	
Insertion loss	< 0.4 dB / connection
Optical connector	LC-Duplex Feedthrough