NEUTRIK

FIBERFOX 2CH briDge

The FIBERFOX 2CH briDge is an expanded beam multimode hermaphroditic chassis connector and suited for a vast array of applications, including Lighting, Network, PA, Video, Broadcast, Defense & Government, Railway and Petrochemical. The innovative design ensures its ability for deployment in the toughest environments where constant performance and total reliability are critical. The chassis connector is designed according to the MIL-DTL-83526 standard and fits to all other connectors with this standard.

Benefiting from the expanded beam technology and the precision optical alignment the system creates high immunity against dust, mud, liquids and other contaminations. The FIBERFOX briDge chassis connector is the first one who converts a standardized LC Patch cable into an expanded beam solution. It acts as a “feed-through” and fits into standard D-size shell.

Features & Benefits

- Suitable for installation and wireways without special tools
- No splicer, no expertise required for Installation
- Easy patching with common patch Cords (LC to LC, LC to SC, LC to ST)
- Extremely service-friendly
- Integration of other fiber optic systems into FIBERFOX
- Very compact design - fits in every D-hole just like opticalCON©
- IP68 Waterproof even without a protective cap, optimized for outdoor use

BRIDGE 2CH

Code	Description
NO2M4DW-FX	FIBERFOX briDge Chassis coupler 2CH MM OM4

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Technical Information

Product	
Title	FIBERFOX 2CH briDge
Gender	Hermaphroditic

Mechanical	
Mounting Direction	Front & Rear Mounting
Chassis Shape	D-Shape
Lifetime	>10000 mating cycles
Locking device	Screwed
Free fall Resistance	500 falls onto contrete from 1.2m height
Bump Resistance	4000 bumps @ 40g acceleration
Vibrational Sinusoidal	10-500Hz, 0.75 amplitude @ 10g acceleration

Material	
Insert	Steel
Shell	Aluminium
Shell plating	Hard anodize
Strain relief	Brass

Environmental	
Flammability	UL 94 V-0
Protection Class	IP68 (mated and unmated)
Compatibility	MIL-DTL-83526
Temperature Range	-40°C to +70°C

Optical	
Insertion loss	Typ. 0.9dB per Connector / Max. 1.45dB per Connector
Optical connector	EBC
Optical wiring ISO / IEC 11801	ISO / IEC 11801