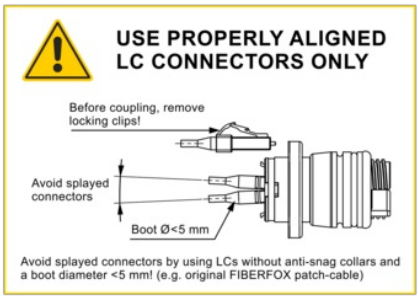


# FIBERFOX EBC25 2CH chassis

The FIBERFOX EBC25 2CH chassis is an expanded beam multimode hermaphroditic chassis connector suited for a vast array of applications. With its jam-nut design is suitable for all kinds of industrial, defense & government or even railway applications.

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 EBC25 2CH chassis connector converts a standardized LC patch cable into an expanded beam solution. It acts as a “feed-through” and has a jam-nut design.

## Features & Benefits

- Suitable for installation and wireways without special tools
- Integration of other fiber optic systems into FIBERFOX
- No splicer, no expertise required for Installation
- Very compact jam-nut design
- Easy patching with common patch cables (LC to LC, LC to SC, LC to ST)

WARNING: Boot diameter must be smaller than 5mm. Suitable Neutrik patch cables are available.

- IP68 Waterproof even without a protective cap, optimized for outdoor use
- Extremely low maintenance

## FIBERFOX EBC25 2CH ordering options

| Order code | Product code | Description |
|---|---|---|
| 1036432 | NO2M4JW-FG | FIBERFOX EBC25 Chassis 2CH MM OM4 |

## Market & Application

- Defense & Government
- Railway
- Oil & Gas Station
- Video
- PA Market
- Lighting & Network

## Technical Information

| Product | |
|---|---|
| Title | FIBERFOX EBC25 2CH chassis |
| Gender | Hermaphroditic |

NEUTRIK

| Mechanical | |
|---|---|
| Mounting Direction | Front & rear mounting |
| Chassis Shape | Jam nut |
| Lifetime (typ.) | 10000 mating cycles |
| Locking device | Screwed |
| 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 (15m for 24h acc. MIL-DTL-83526D Section 3.11.28)<br>and unmated (1m for 24h) |
| Compatibility | MIL-DTL-83526 |
| Temperature Range | -46°C to +71°C (-51°F to 160°F) |

| Optical | |
|---|---|
| Insertion loss | Typ. 1.5dB per connection / Max. 2.5dB per connection |
| Optical connector | EBC25 |
| Optical wiring | ISO / IEC 11801 |