24 Port ST Loaded Mini DIN Enclosure

Mini DIN Rail Mounted Enclosure

The Mini DIN Rail Mounted Enclosure joins our range of compact and DIN rail mount fibre termination enclosures. Its compact design gives it the ideal form factor for installation into densely populated industrial cabinets.

Features

- Small size making it very versatile
- Accommodates up to 12 or 24 x SC, ST or LC duplex adapters
- Ideal for housing preterminated loose tube and tight buffered cables
- Allows for fusion splicing of up to 24 fibres, when two enclosures are fitted together
- Top and bottom cable entry to suit installation environment

Applications

- Process automation and control
- Intelligent transport system
- Rail signalling and control networks
- Power systems and control
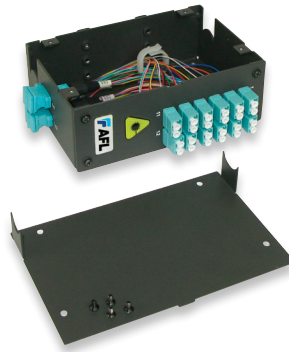- MTP pre-terminated cabling solutions

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Mini DIN Rail Mounted Enclosure
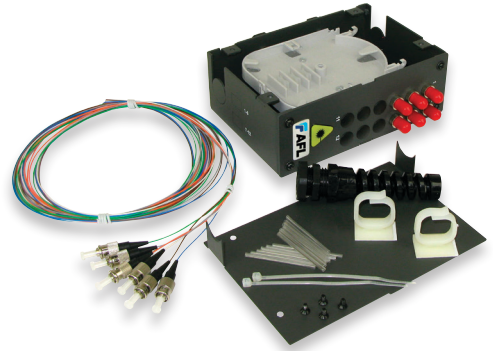
Technical Specifications

Description	12 Port Mini DIN Rail Enclosure	24 Port Mini DIN Rail Enclosure
Dimensions W x H x D (mm)	54.5 x 155 x 113	109 x 155 x 113
Weight (kg)	0.67	1.34
Maximum Number of Splices	12	24
Maximum Fibre Count (Front Panel)	12 SC, ST1 and LC 24	SC, ST1 and LC
Incoming Cable Ports	1 top and bottom	2 top and bottom (includes internal routing hole for single cable 24 fibre installation)
Material and Colour	Powder coated 1.6 mm zinc annealed steel	
Standard Accessories	Cable gland, central strain relief post, DIN rail mounting clip, laser badge, fibre clips and through adapters	

FDE-24LC1-P
24F LC Mini DIN enclosure for patching

FDE-24LC4-M
24F LC/MTP Mini DIN enclosure

FDE-06ST6-S[1]
6F ST Mini DIN enclosure for splicing

Ordering Information

FDE	–	12	SC	1	–	S

Fibre DIN Enclosure

Fibre Count
2
4
6[2]
8[2]
10[2]
12
18[3]
24[3]

Adapter Type
SC
SCA (SM only)
LC
ST

Fibre Type
1 – 9/125 µm SM 0S1
3 – 50/125 µm MM OM3
4 – 50/125 µm MM OM4
6 – 62.5/125 µm MM OM1

Enclosure Function
S[4] – Splicing
M[5] – MTP pre-terminated enclosure
P – Patching pre-terminated or direct terminated cables only
XX* – Pre-terminated fibre tails with IPP connectivity

1. Requires optioned ST faceplate
2. Uses 12 port plates, empty ports are filled with blanking plugs
3. FDE-24SC/SCA/ST enclosures only
4. Splicing enclosure includes cassette(s), protectors and pigtails
5. LCD OM3, OM4 and OS1/2 only
* Contact AFL for specific part number

Pre-terminated enclosure with harsh environment connector

Full range of additional accessories available including:
- Pigtails
- Splicing consumables
- Termination consumables
- Pre-tailed fibre optic cable assemblies available