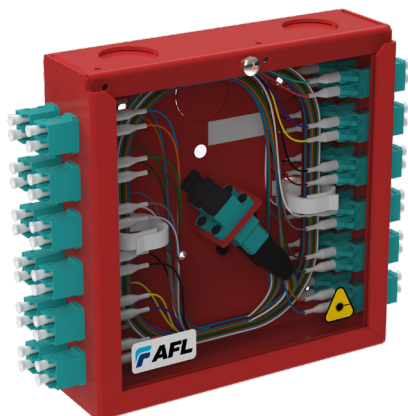




IFM MTP® Fanout Multi-User Telecommunications Outlet (MUTO)

AFL's Infinity Fibre MUTO (IFM) enclosure range provides a 'plug-n-play' solution in an ultra-compact MUTO footprint. This enclosure incorporates all the security feature present in AFL's proven range of Mini Sliding MUTOs making it well suited for security managed fibre-to-the-desk environments such as Government and Defence.

Available in various configurations and colours to comply with the Australian Government Information Security Manual (ISM).

Features

- Pre-populated with MTP to LC or SC for fast deployment
- Ultra compact form factor for versatile installation
- MTP Elite connectors used as standard for Low Loss performance
- Configurations available to present up to 48 fibres
- Clear polycarbonate cover with anti-tamper seal provision
- 1.6mm thick steel construction minimises adapter movement
- 25mm cable entries for surface or concealed entry
- Internal fibre management and cable retention post

Applications

- In-building fibre terminations
- Fibre-to-the-desk (FTTD) deployments
- Consolidation / zone distribution points
- Tamper-evident / secure network installations
- Retrofit and space-constrained installations
- Restricted networks (DRN, DSN and TSAN)

Technical Specifications

Dimensions (mm)	150 (H) x 150 (W) x 44 (D)
Weight	0.8 kg (net)
Material	
- Body	Powder-coated 1.6 mm thick mild steel
- Cover	2.0 mm thick clear polycarbonate
Connector Type	MTP, LC Duplex and SC Duplex
Polarity	Type A
Cable Entry	2 x 25 mm (surface mount) 1 x 25 mm (concealed entry) knockouts
Ingress Protection	IP20
Standard Accessories	2 x nylon cable saddles, polycarbonate cover with laser warning triangle, M4 x 6 mm Phillips screw, cable retention post to suit 2 x 3 mm dia. cables

Optical Specifications

Total Link Loss (MTP to LC or SC)	Single-mode OS2 (@1310nm)	Multimode OM4 (@850nm)
Average Insertion Loss	0.25 dB	0.20 dB
Maximum Insertion Loss	0.60 dB	0.55 dB

Important:

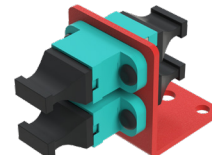
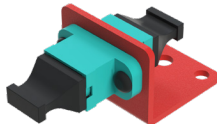
Enclosures are intended to be used in accordance with applicable standards relevant to the application.

MTP is a registered trademark of US Conec Ltd

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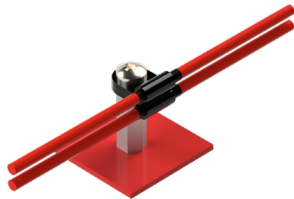
Internal MTP Connection

These enclosures utilise an internal MTP bracket for terminating the incoming MTP lead. Depending on the selected configuration, either a single or double MTP bracket is fitted.



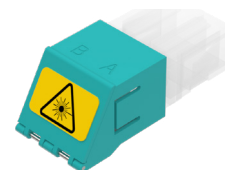
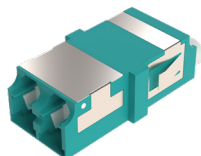
SINGLE MTP BRACKET	DOUBLE MTP BRACKET
Fitted in fanout types: 6F (1 x 6F), 12F (1 x 12F), 24F (1 x 24F)	Fitted in fanout types: 12F (2 x 6F), 18F (1 x 6F, 1 x 12F), 24F (2 x 12F), 48F (2 x 24F)

Incoming Cable Retention



2 X 3MM CABLE RETENTION POST (STANDARD)		RUGGEDISED CABLE STRENGTH MEMBER ANCHOR (OPTIONAL)	
For use with AFL 3mm Micro Cable. This post can retain up to two 3mm cables.		For use with AFL ruggedised Micro Cable. Aramid yarn from multiple cables can be retained in a single post. Recommended breakout length of 300mm.	
PART NUMBER	P-CLIP-3.2-M4-ANCHOR-2	PART NUMBER	CSM-ANCHOR
MATERIAL	Nickel Plated Brass, Nylon P-clips	MATERIAL	Bright Brass

Optional Dust Mitigation and Optical Protection



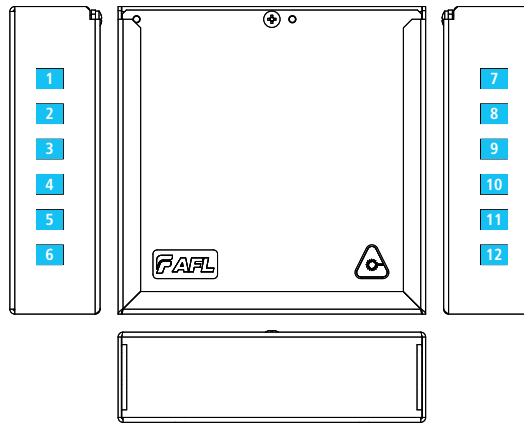
INTERNALLY SHUTTERED	EXTERNALLY SHUTTERED TO SUIT STANDARD ADAPTERS
Available in LC Duplex	Greater dust protection Available to suit LC Duplex and SC Duplex

Please contact Sales for ordering information.

IFM MTP® Fanout Multi-User Telecommunications Outlet (MUTO)

Ordering Information

Side Presenting up to 24 Fibres LC Duplex

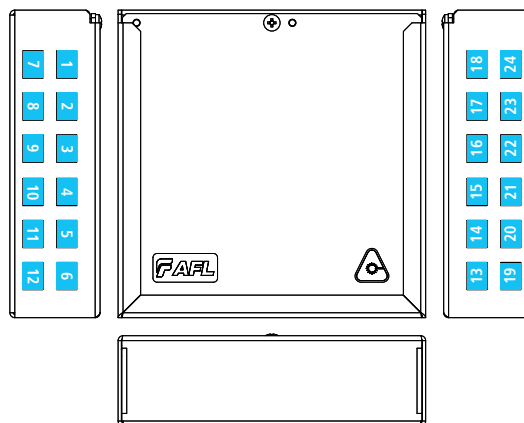


PART NUMBER	FANOUT TYPE	QUANTITY OF MTP CONNECTORS			QUANTITY OF LC DUPLEX ADAPTERS	PORTS USED
		6F MTP	12F MTP	24F MTP		
IFM-MS17701-06Nly-B-xx	MTPM-LC 6F (1 x 6F)	1	-	-	3	1-3
IFM-MS17701-12Nly-B-xx	MTPM-LC 12F (2 x 6F)	2	-	-	6	1-3, 7-9
IFM-MS17701-12Mly-B-xx	MTPM-LC 12F (1 x 12F)	-	1	-	6	1-6
IFM-MS17701-18Mly-B-xx	MTPM-LC 18F (1 x 6F, 1 x 12F)	1	1	-	9	1-9
IFM-MS17701C-24Mly-B-xx	MTPM-LC 24F (2 x 12F)	-	2	-	12	1-12
IFM-MS17701C-24Ply-B-xx	MTP2M-LC 24F (1 x 24F)	-	-	1	12	1-12

Replace y in the part number with the following fibre type codes: 4 = OM4, 7 = SM G657.A1

Replace xx in the part number with the following colour codes: RD = Red, PK = Pink, GN = Green, BU = Blue, BL = Black, WH = White, OR = Orange, GY = Grey, YL = Yellow, VLT = Dark violet (MOQ may apply)

Side Presenting up to 48 Fibres LC Duplex



PART NUMBER	FANOUT TYPE	QUANTITY OF MTP CONNECTORS			QUANTITY OF LC DUPLEX ADAPTERS	PORTS USED
		6F MTP	12F MTP	24F MTP		
IFM-MS11101C-48Ply-B-xx	MTP2M-LC 48F (2 x 24F)	-	-	2	24	1-24

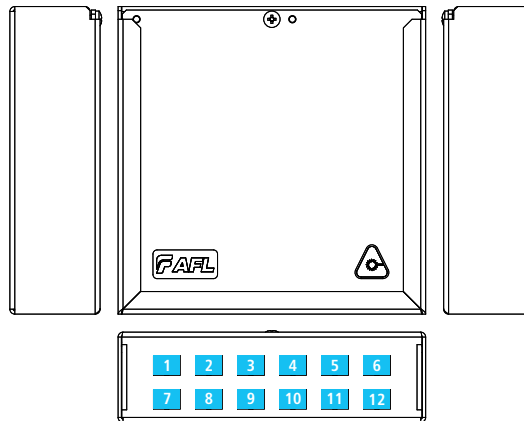
Replace y in the part number with the following fibre type codes: 4 = OM4, 7 = SM G657.A1

Replace xx in the part number with the following colour codes: RD = Red, PK = Pink, GN = Green, BU = Blue, BL = Black, WH = White, OR = Orange, GY = Grey, YL = Yellow, VLT = Dark violet (MOQ may apply)

IFM MTP® Fanout Multi-User Telecommunications Outlet (MUTO)

Ordering Information

Bottom Presenting up to 24 Fibres LC Duplex



PART NUMBER	FANOUT TYPE	QUANTITY OF MTP CONNECTORS			QUANTITY OF LC DUPLEX ADAPTERS	PORTS USED
		6F MTP	12F MTP	24F MTP		
IFM-MS10011-06Nly-B-xx	MTPM-LC 6F (1 x 6F)	1	-	-	3	1-3
IFM-MS10011-12Nly-B-xx	MTPM-LC 12F (2 x 6F)	2	-	-	6	1-6
IFM-MS10011-12Mly-B-xx	MTPM-LC 12F (1 x 12F)	-	1	-	6	1-6
IFM-MS10011-18Mly-B-xx	MTPM-LC 18F (1 x 6F, 1 x 12F)	1	1	-	9	1-9
IFM-MS10011C-24Mly-B-xx	MTPM-LC 24F (2 x 12F)	-	2	-	12	1-12
IFM-MS10011C-24Ply-B-xx	MTP2M-LC 24F (1 x 24F)	-	-	1	12	1-12

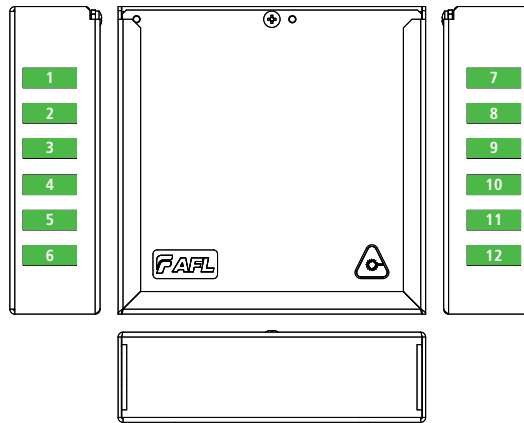
Replace y in the part number with the following fibre type codes: 4 = OM4, 7 = SM G657.A1

Replace xx in the part number with the following colour codes: RD = Red, PK = Pink, GN = Green, BU = Blue, BL = Black, WH = White, OR = Orange, GY = Grey, YL = Yellow, VLT = Dark violet (MOQ may apply)

IFM MTP® Fanout Multi-User Telecommunications Outlet (MUTO)

Ordering Information

Side Presenting up to 24 Fibres SC Duplex

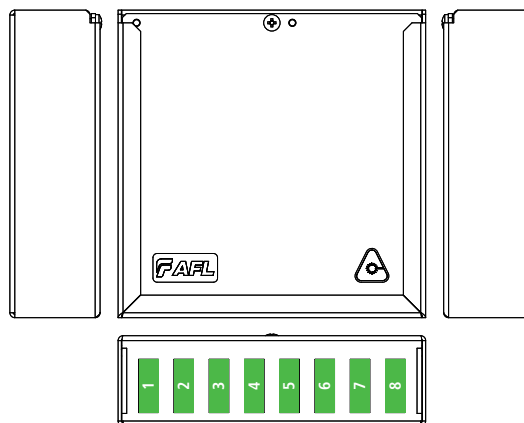


PART NUMBER	FANOUT TYPE	QUANTITY OF MTP CONNECTORS			QUANTITY OF SC DUPLEX ADAPTERS	PORTS USED
		6F MTP	12F MTP	24F MTP		
IFM-MS12201-06NSy-B-xx	MTPM-SC 6F (1 x 6F)	1	-	-	3	1-3
IFM-MS12201-12NSy-B-xx	MTPM-SC 12F (2 x 6F)	2	-	-	6	1-3, 7-9
IFM-MS12201-12MSy-B-xx	MTPM-SC 12F (1 x 12F)	-	1	-	6	1-6
IFM-MS12201-18MSy-B-xx	MTPM-SC 18F (1 x 6F, 1 x 12F)	1	1	-	9	1-9
IFM-MS12201C-24MSy-B-xx	MTPM-SC 24F (2 x 12F)	-	2	-	12	1-12
IFM-MS12201C-24PSy-B-xx	MTP2M-SC 24F (1 x 24F)	-	-	1	12	1-12

Replace y in the part number with the following fibre type codes: 4 = OM4, 7 = SM G657.A1

Replace xx in the part number with the following colour codes: RD = Red, PK = Pink, GN = Green, BU = Blue, BL = Black, WH = White, OR = Orange, GY = Grey, YL = Yellow, VLT = Dark violet (MOQ may apply)

Bottom Presenting up to 12 Fibres SC Duplex



PART NUMBER	FANOUT TYPE	QUANTITY OF MTP CONNECTORS			QUANTITY OF SC DUPLEX ADAPTERS	PORTS USED
		6F MTP	12F MTP	24F MTP		
IFM-MS10021-06NSy-B-xx	MTPM-SC 6F (1 x 6F)	1	-	-	3	1-3
IFM-MS10021-12NSy-B-xx	MTPM-SC 12F (2 x 6F)	2	-	-	6	1-6
IFM-MS10021-12MSy-B-xx	MTPM-SC 12F (1 x 12F)	-	1	-	6	1-6

Replace y in the part number with the following fibre type codes: 4 = OM4, 7 = SM G657.A1

Replace xx in the part number with the following colour codes: RD = Red, PK = Pink, GN = Green, BU = Blue, BL = Black, WH = White, OR = Orange, GY = Grey, YL = Yellow, VLT = Dark violet (MOQ may apply)