Wall Mount Enclosure: MTP cassette solution

The pre-terminated cassette can be used on the Wall Mount enclosure:
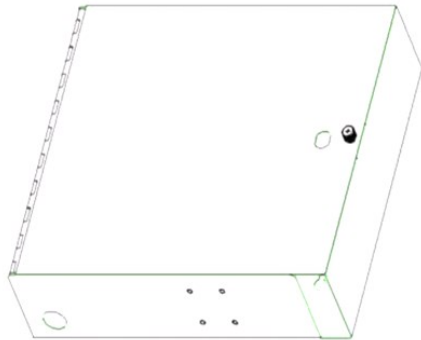
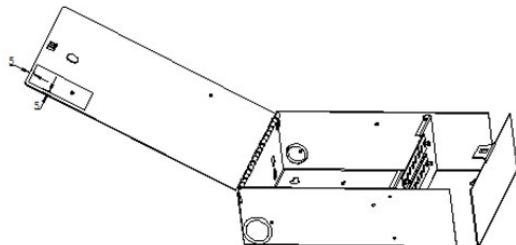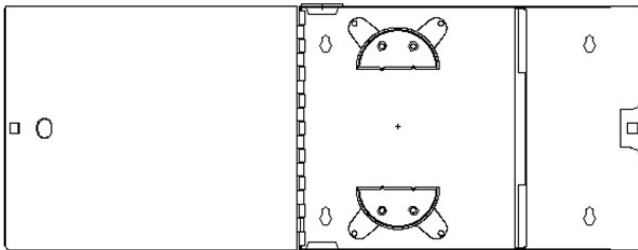**24c MTP-LC cassette**   **12c MTP-LC cassette**

From 48 ~ 96 fiber LC connection per enclosure (Fully loaded)
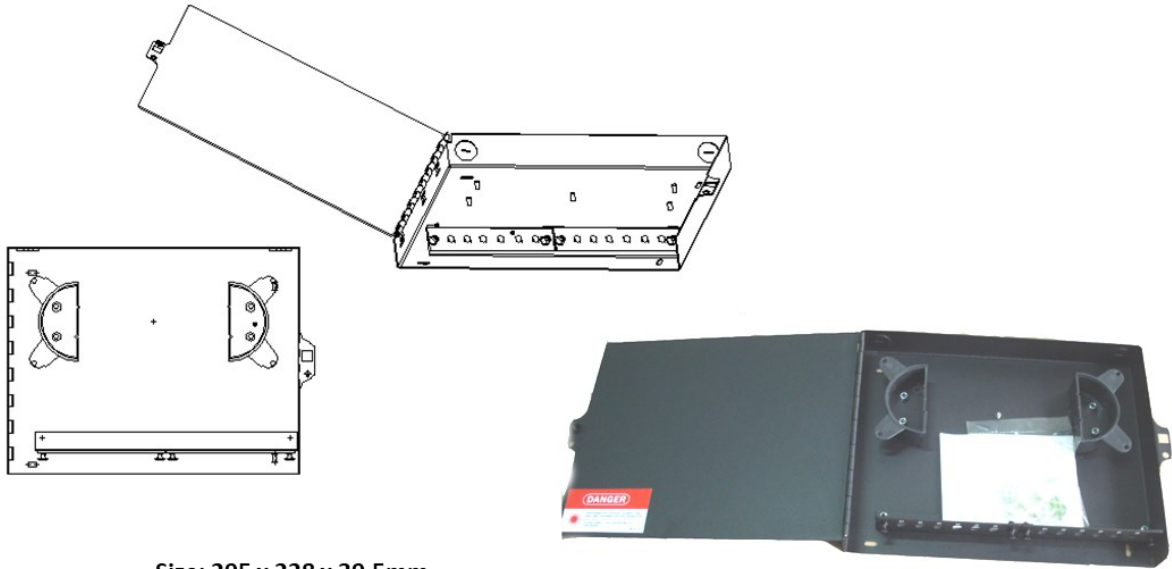**2 layer version**

Size: 355 x 298 x 91 mm

From 24 ~ 48 fiber LC connection per enclosure (Fully loaded)
2 Layer version
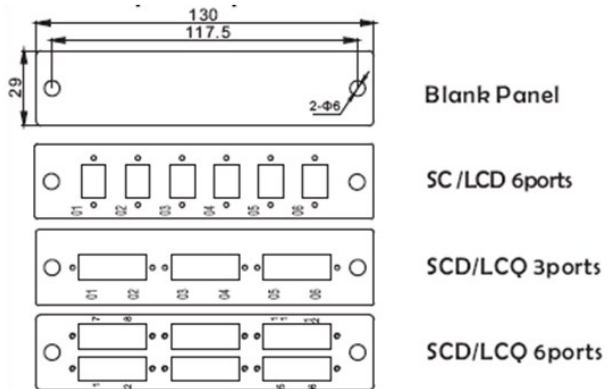
Size: 330 x 215 x 98 mm

From 24 ~ 48 fiber LC connection per enclosure (Fully loaded)
1 layer version

Size: 295 x 228 x 39.5mm

Cassette face plate options

Blank Panel

SC /LCD 6ports

SCD/LCQ 3ports

SCD/LCQ 6ports

KSM SOLUTIONS MTP FIBRE PRODUCTS

MTP-MTP Mini Round 3mm cable

MTP-MTP mini 3mm round cable assembly is superior than the ribbon cable in flexibility or crush resistance. Other Round cable construction like 1.6mm, 2mm, 4.5mm (double jacket) are also available.

MTP Round : 2mm, 3mm, 4.5mm (Double Jacket)


MTP Round 3mm with Aqua boot

Cable Properties:

No of Fiber	Jacket Dia mm	Tensile Force N		Min Bend Radius* mm		Crush Resistance
		Short Term	Long Term	Short Term	Long Term	N/100mm
12	3mm	180	90	30	45	300
24	3mm	110	60	30	45	300

UL: OFNR, OFNP Rated cable, LSZH also available

RoHs compliance

Optical Properties:

Connector Loss @ 850nm	**MTP (MM)**
Normal MM performance	< 0.60 dB
Elite MM performance (Low Loss)	< 0.35 dB
Return Loss @ 850nm	
Normal performance	> 20 dB
Elite performance (Low Loss)	> 25 dB
Connector Loss @ 1310nm	**MTP/APC**
Normal SM performance	< 0.75 dB
Elite SM performance (Low Loss)	< 0.35 dB
Return Loss @ 1310nm	**MTP/APC**
Normal performance	> 60 dB
Elite performance (Low Loss)	> 60 dB

www.ksm.com.au
**Tel: 0061(0)2 8003 3372; Email: sales@ksm.com.au**
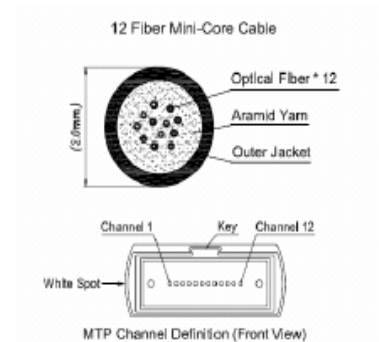
KSM SOLUTIONS MTP FIBRE PRODUCTS

Harness Cable (External)

For External applications, where the assemblies are situated outside of enclosures protection, the ruggerdised Harness assembly can allow pulling, bending and sustaining the cable weight. Employing the latest design of 250 micron fibers inside 3mm round cable, it is easy for ribbonization and has overcame the side loading / twisting issue in traditional ribbon cable. This is usually used in Direct connection between the servers.
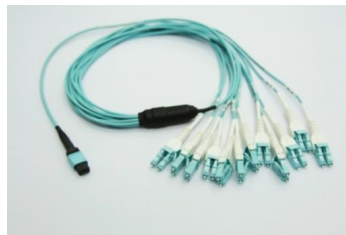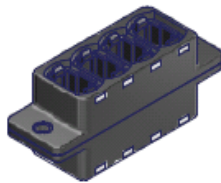

3mm MTP-Uniboot LC 24F Harness Cable
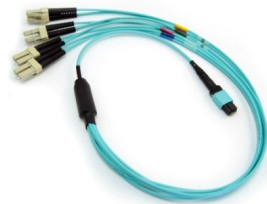
3mm MTP-LC 8F Harness Cable

MTP Coupler

Various MTP coupler are designed to meet different needs.
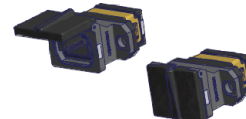

Ganged MTP Coupler 1 x 4
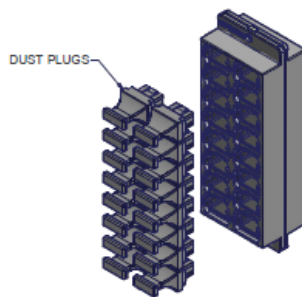

Three Main options:
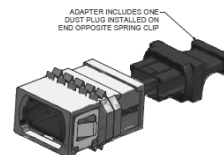-   Full Flange (Key Up to Key Down)
-   Small Flange (Key Up to Key Up)
-   Reduced Flange SC Foot print

Shuttered MTP Coupler

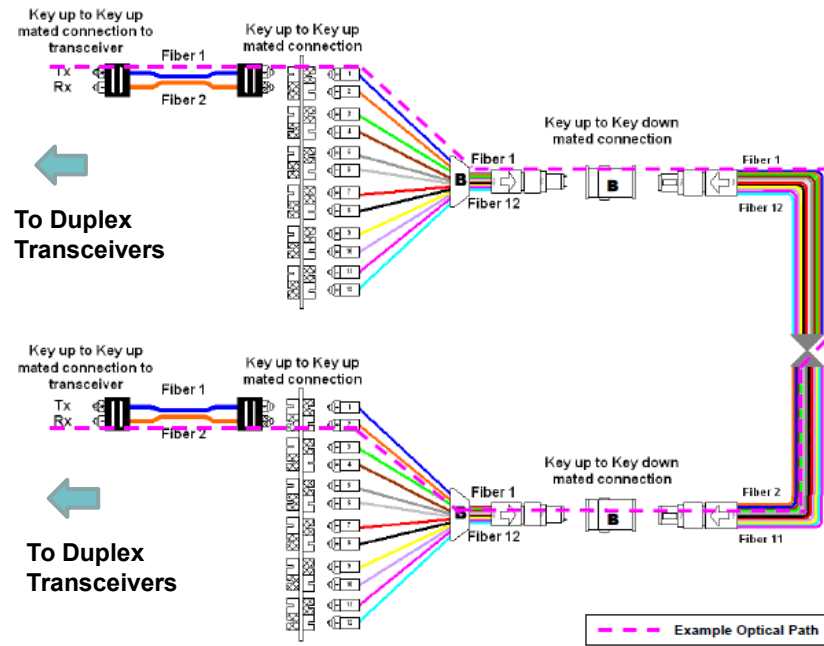EMI MTP Coupler

Ganged MTP Coupler 2 x 8

KSM SOLUTIONS MTP FIBRE PRODUCTS

Fiber Performance

Fiber Type	Max Attenuation				Bandwidth		Max Application Support Distance on 850nm SX
	850nm	1300nm	1310nm	1550nm	850nm	1300nm	10G
micron	dB / km				MHz-km		m
OM1 62.5 /125	2.70	0.80		-	200	600	33
OM2 50/125	2.50	0.80		-	500	500	82
OM3 50/125	2.50	0.80		-	1500	500	300
OM4 50/125	2.50	0.80		-	3500	500	550
G652D 9/125	-	-	0.35	0.21	-	-	-
G657A1 9/125	-	-	0.36	0.22	-	-	-

Connection Method

For Non 40G / 100G cabling connection, Connectivity Method D is used to utilize every fiber channel. As different combination of 40G / 100G switch / servers are used, please refer to the "**Cabling Applications Note: Connectivity of 100G Networks"** on the connection.

Connectivity Method D