



CO-SMJA STANDARD MULTI FIBRE JUMPER ASSEMBLIES

Factory terminated with MTP® singlemode or multimode connectors, these multi fibre assemblies are ideal for backbone and data centre applications where high fibre counts are required in a minimum of space.

Providing a connectorised interface for ribbon fibre, the MTP® product can be supplied as jumper assemblies or as breakout assemblies to interconnect with equipment or panels that are terminated with standard simplex or duplex connectors.

The assemblies are available as bare ribbon assemblies and either flat or round ruggedised cable formats.

For added protection and enabling the interconnection of circuits between hazardous areas via raceways without requiring the use of protective conduit, the round cable can be super ruggedised. This 5mm diameter cable fire performance is in accordance with BT specification M84 - the classification of fire performance requirements of communication cables.

Singlemode variants are available in standard or Elite® versions.

Typical Insertion Loss performance for the Multimode product is 0.2dB, whilst for Singlemode it is 0.25dB. The Elite® singlemode product gives a low Insertion Loss performance of <0.1dB typical.

For breakout assemblies the shelf side connector range includes FC, SC, LC, E2000, DIN & MU.

All terminations are manufactured to stringent standards and are subjected to a 100% visual inspection and optical test.

Test results and interferometer readings are available on request.

Ordering Information

CO-SMJA

STANDARD MULTI FIBRE JUMPER ASSEMBLIES

CO - SMJA - [] - [] - [] - [] - []

Number of fibres

	Bare ribbon	Flat LSZH	Ø3mm LSZH	Ø5mm Super Ruggedised LSZH
4 fibre	D	A	G	
8 fibre	E	B	H	L
12 fibre	F	C	J	K

Cable Mode

9/125 OS1 - multi colour (bare ribbon only)	1	50/125 OM3 - Turquoise	3
50/125 OM2 - Orange	5	62.5/125 OM1 - Grey	6
		9/125 OS1 - Yellow	9

Connector End A - Equipment side

MTP/PC (Male - pins) MM	M0	MTP/PC (Male - pins) SM	M1
MTP/APC (Male - pins) SM	M2	MTP/APC Elite® (Male - pins) SM	M3
MTP/PC (Female - no pins) MM	N0	MTP/PC (Female - no pins) SM	N1
MTP/APC (Female - no pins) SM	N2	MTP/APC Elite® (Female - no pins) SM	N3

Connector End B - Shelf side

MTP/PC (Male - pins) MM	M0	MTP/PC (Male - pins) SM	M1
MTP/APC (Male - pins) SM	M2	MTP/APC Elite® (Male - pins) SM	M3
MTP/PC (Female - no pins) MM	N0	MTP/PC (Female - no pins) SM	N1
MTP/APC (Female - no pins) SM	N2	MTP/APC Elite® (Female - no pins) SM	N3

	DIN	E2000	FC	LC SPX	LC DPX with clip	SC	ST
MM/PC		E0	F0	L0	L3	S0	T0
SM/PC		E1	F1	L1		S1	T1
SM/UPC			F2	L2		S2	T2
SM/APC 8°	D2	E3	F3			S3	T3

Breakout Length and Colour End B - Shelf Side

All breakouts are Ø2mm LSZH ruggedised reprotction

Reprotection colour	Length (mm)				
	100	300	500	800	1000
Yellow OS1 9/125	0A	2A	4A	7A	9A
Grey OM1 62.5/125	0B	2B	4B	7B	9B
Orange OM2 50/125	0C	2C	4C	7C	9C
Turquoise OM3 50/125	0D	2D	4D	7D	9D
Multicolour	0E	2E	4E	7E	9E

Overall Length XXX

Length Unit

Decimetre(s) (015 = 1.5 metres)	D	Metre(s) (020 = 20 metres)	M
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Ordering Example

CO - SMJA - A9 - M1 - L1 0A - 015 D

Standard Multi Fibre Jumper Assembly, 1.5 metres long. 4 fibres, Ruggedised Flat LSZH Yellow cable, 9/125 OS1 ribbon, End A: MTP/PC (Male - pins) SM, End B: LC/PC terminated on 2.0mm Yellow LSZH Breakouts - 100mm long.

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