

Prysmian XMJ Pre-Connectorised Closure

Product Images

Product Code: XMJ



Part Number	Closure	Adapter Type	No of Adapters	Splitters / Outputs
XJT5C0841	MRU	SC/APC	8	Pages
XJT5C0842	MRU	SC/APC	8	1x 16
XJT5C0843	MRU	SC/APC	16	Pages
XJT5C0844	MRU	SC/APC	16	2x 16
XJT5C0845	MRU	SC/APC	24	Pages
XJT5C0846	MRU	SC/APC	24	2x 16
XJT5C0873	MRU	SC/APC	8	Pages
XJT5C0874	MRU	SC/APC	8	2x 16
XJT5C0875	MRU	SC/APC	16	Pages
XJT5C0876	MRU	SC/APC	16	2x 16
XJT5C0877	MRU	SC/APC	24	Pages
XJT5C0878	MRU	SC/APC	24	2x 16
XJT5C0847	MRU	LC/APC	16	Pages
XJT5C0848	MRU	LC/APC	16	2x 16
XJT5C0849	MRU	LC/APC	24	Pages
XJT5C0850	MRU	LC/APC	24	2x 16
XJT5C0841	MRU	LC/APC	32	Pages
XJT5C0852	MRU	LC/APC	32	4x 16
XJT5C0853	MRU	LC/APC	48	4x 16
XJT5C0859	MRU	LC/APC	16	Pages
XJT5C0860	MRU	LC/APC	16	2x 16
XJT5C0861	MRU	LC/APC	24	Pages
XJT5C0862	MRU	LC/APC	24	2x 16
XJT5C0863	MRU	LC/APC	32	Pages
XJT5C0864	MRU	LC/APC	32	4x 16
XJT5C0865	MRU	LC/APC	48	4x 16
XJT5C0851	CRU	SC/APC	8	1x 16
XJT5C0854	CRU	SC/APC	8	Pages
XJT5C0857	CRU	SC/APC	12	Pages
XJT5C0879	CRU	SC/APC	8	1x 16
XJT5C0871	CRU	SC/APC	8	Pages
XJT5C0872	CRU	SC/APC	12	Pages
XJT5C0853	CRU	LC/APC	16	2x 16
XJT5C0859	CRU	LC/APC	16	Pages
XJT5C0848	CRU	LC/APC	24	Pages
XJT5C0869	CRU	LC/APC	16	2x 16
XJT5C0858	CRU	LC/APC	24	Pages

Short Description

The pre-connectorised XMJ closure range (CMJ/MMJ) is designed for jointing optical fibre cables. The

joint is ideal for use as a final drop solution due to its capacity and compact size.

It has a maximum capacity of 72 fibre splices (MMJ). The connectorised pigtails are factory fitted and each tray can accommodate up to 12 spliced fibres.

The single element 2.2 tray also has the ability to house up to 1x1:8 splitter, which can also be factory fitted.

A multi-functional bracket can be supplied with the joint which enables wall or pole mounting of the joint vertically or horizontally.

The joint has four circular ports for mechanical entry glands, one oval port for heat shrink or mechanical entry and two additional small circular ports also for heat shrink entry.

Design and Construction

- Supplied with up to 2 (CMJ) / 6 (MMJ) single element trays each able to accommodate 12 splices providing a maximum capacity of 24 (CMJ) 72 (MMJ) fibres.
- Drop cable capacity 12SC / 24LC (CMJ) 24SC / 48LC (MMJ)* MMJ closure cannot support 48 individual drop cables. Multi fibre drops should be used to utilise the full capacity.
- Each tray has the provision to mount optical splitters.
- The closure base has 4 circular entry ports and an oval port. Cables up to 23mm in diameter can be installed into each port.
- Drop cables are installed through a split seal and routed around the input mandrels
- A further two small ports are available as emergency ports. These ports are for heat shrink entry and can accommodate a cable of up to 12mm in diameter.
- Circular port cables are sealed using a split mechanical sealing gland.
- Oval port cables are sealed using adhesive lined heat shrink sleeves or using a mechanical oval port entry kit.
- Multi Way Split Entry Glands are available to allow the installation of a number of cables into one circular port.
- Splice trays hinge upwards individually, allowing full access to spliced fibres without disturbance to live fibres in adjacent trays.
- Integrated loop storage basket for mid-span applications.
- Can be supplied with a pole/wall mounting bracket.
- Can be supplied with a flash test valve or a pressure relief valve. These can also be used for earthing
- Closure and glands sealed to IP68.

Technical Data

- Minimum Fibre Bend Radius (mm): 30 (Note: The input manifold contains mandrels to cross fibres from one side of the stack to the other. These are limited to 20mm radius if used).
- Number of Cable Ports: 4 circular and 1 oval (also contains 2 additional small emergency ports)
- Cable Diameter Range (mm):
- Circular Port: 4 to 23
- Multi Port (in circular port): 3-5mm round (4 Way), 3-5mm round (8 Way), 5-7mm round (2 Way)
- Oval Port: 7 to 21 (Heat Shrink), 5 to 14.8 (mechanical)
- Emergency Port: 4 to 12
- Cable Retention (N):
- Circular Port: > Cable ($\varnothing/45$) x 1000N with central strength member secured.
- 4 Way Multi Way (in circular port): > 150N for cables with Aramid yarns, > 30N for cables without Aramid yarns
- Multi way gland: 100N for preconnectorised cables
- Maximum number of splice trays: 2 Single Element (CMJ), 6 Single Element (MMJ)
- Maximum fibre capacity of Joint: 24 Single Element (CMJ), 72 Single Element (MMJ)
- Splitter capacity: Optical splitters of 4mm x 4mm x 60mm on trays - 2 (CMJ), 6 (MMJ)
- Required space envelope (mm): (l) 305 x (w) 231 x (d) 164 (CMJ) (l) 390 x (w) 231 x (d) 164 (MMJ)
- Operating temperature: -40oC to + 70oC (5 to 95% RH)

Material

- Cap: GF Polypropylene
- Base: GF Polypropylene
- Clamp: GF Nylon
- Splice Trays: FR ABS

Testing

- Closure Sealing: IP68 (5 metres) (IEC 61300-2-23)
- Optical: Tested 1310nm, 1550nm and 1625nm
- Change of Temperature: IEC 61300-2-22
- Dry Heat: BS EN 60068-2-2 Test Bb
- Damp Heat: IEC 60068-2-3: 1969
- Vibration: IEC 61300-2-1
- Torsion: IEC 61300-2-5
- Bending: IEC 61300-2-37
- Impact: IEC 61300-2-12
- Cable Retention: IEC 61300-2-4
- Crush Resistance: IEC 61300-2-10

Available with multiple configurations including: • SC/APC. LC/UPC adaptors • LC/APC, LC/UPC adaptors • 1:8 spitters • Pigtails

Please see datasheet or contact sales for options.

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