

Prysmian XMJ Pre-Connectorised Closure

Product Images

Product Code: XMJ



Part Number	Closure	Adapter Type	No of adapters	Splices / Joints
XJTEC00841	MMJ	SC/APC	8	Pages
XJTEC00842	MMJ	SC/APC	8	1x 16
XJTEC00843	MMJ	SC/APC	16	Pages
XJTEC00844	MMJ	SC/APC	16	2x 16
XJTEC00845	MMJ	SC/APC	24	Pages
XJTEC00846	MMJ	SC/APC	24	2x 16
XJTEC00873	MMJ	SC/APC	8	Pages
XJTEC00874	MMJ	SC/APC	8	1x 16
XJTEC00875	MMJ	SC/APC	16	Pages
XJTEC00876	MMJ	SC/APC	16	2x 16
XJTEC00877	MMJ	SC/APC	24	Pages
XJTEC00878	MMJ	SC/APC	24	2x 16
XJTEC00847	MMJ	LC/APC	16	Pages
XJTEC00848	MMJ	LC/APC	16	2x 16
XJTEC00849	MMJ	LC/APC	24	Pages
XJTEC00850	MMJ	LC/APC	24	2x 16
XJTEC00851	MMJ	LC/APC	32	Pages
XJTEC00852	MMJ	LC/APC	32	4x 16
XJTEC00853	MMJ	LC/APC	48	8x 16
XJTEC00854	MMJ	LC/APC	16	Pages
XJTEC00855	MMJ	LC/APC	16	2x 16
XJTEC00856	MMJ	LC/APC	24	Pages
XJTEC00857	MMJ	LC/APC	24	2x 16
XJTEC00858	MMJ	LC/APC	32	Pages
XJTEC00859	MMJ	LC/APC	32	4x 16
XJTEC00860	MMJ	LC/APC	48	8x 16
XJTEC00861	CMJ	SC/APC	8	1x 16
XJTEC00862	CMJ	SC/APC	8	Pages
XJTEC00863	CMJ	SC/APC	12	1x 16
XJTEC00864	CMJ	SC/APC	8	Pages
XJTEC00865	CMJ	SC/APC	12	Pages
XJTEC00866	CMJ	LC/APC	16	2x 16
XJTEC00867	CMJ	LC/APC	16	Pages
XJTEC00868	CMJ	LC/APC	24	2x 16
XJTEC00869	CMJ	LC/APC	16	Pages
XJTEC00870	CMJ	LC/APC	16	2x 16
XJTEC00871	CMJ	LC/APC	24	Pages
XJTEC00872	CMJ	LC/APC	24	2x 16
XJTEC00873	CMJ	LC/APC	32	Pages
XJTEC00874	CMJ	LC/APC	32	4x 16
XJTEC00875	CMJ	LC/APC	48	8x 16
XJTEC00876	CMJ	LC/APC	16	Pages
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XJTEC00878	CMJ	LC/APC	24	Pages
XJTEC00879	CMJ	LC/APC	24	2x 16
XJTEC00880	CMJ	LC/APC	32	Pages
XJTEC00881	CMJ	LC/APC	32	4x 16
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XJTEC00904	CMJ	LC/APC	16	Pages
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XJTEC00911	CMJ	LC/APC	16	Pages
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XJTEC00918	CMJ	LC/APC	16	Pages
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XJTEC00992	CMJ	LC/APC	32	Pages
XJTEC00993	CMJ	LC/APC	32	4x 16
XJTEC00994	CMJ	LC/APC	48	8x 16
XJTEC00995	CMJ	LC/APC	16	Pages
XJTEC00996	CMJ	LC/APC	16	2x 16
XJTEC00997	CMJ	LC/APC	24	Pages
XJTEC00998	CMJ	LC/APC	24	2x 16
XJTEC00999	CMJ	LC/APC	32	Pages
XJTEC01000	CMJ	LC/APC	32	4x 16

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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