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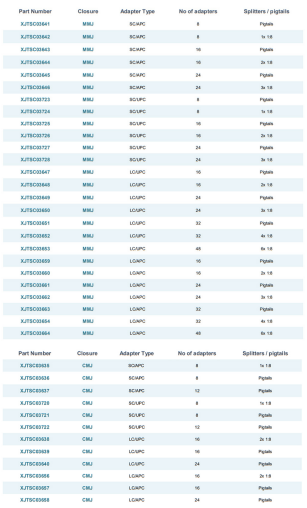
Prysmian XMJ Pre-Connectorised Closure

Product Images

Product Code: XMJ



Part Number	Closure	Adapter Type	No of adapters	Splitters / pigtails
XJTSC03641	MMJ	SC/APC	8	Pigtails
XJTSC03642	MMJ	SC/APC	8	1x 1:8
XJTSC03643	MMJ	SC/APC	16	Pigtails
XJTSC03644	MMJ	SC/APC	16	2x 1:8
XJTSC03645	MMJ	SC/APC	24	Pigtails
XJTSC03646	MMJ	SC/APC	24	3x 1:8
XJTSC03723	MMJ	SC/UPC	8	Pigtails
XJTSC03724	MMJ	SC/UPC	8	1x 1:8
XJTSC03725	MMJ	SC/UPC	16	Pigtails
XJTSC03726	MMJ	SC/UPC	16	2x 1:8
XJTSC03727	MMJ	SC/UPC	24	Pigtails
XJTSC03728	MMJ	SC/UPC	24	3x 1:8
XJTSC03647	MMJ	LC/APC	16	Pigtails
XJTSC03648	MMJ	LC/APC	16	2x 1:8
XJTSC03649	MMJ	LC/APC	24	Pigtails
XJTSC03650	MMJ	LC/APC	24	3x 1:8
XJTSC03651	MMJ	LC/APC	32	Pigtails
XJTSC03652	MMJ	LC/APC	32	4x 1:8
XJTSC03653	MMJ	LC/APC	48	6x 1:8
XJTSC03659	MMJ	LC/APC	16	Pigtails
XJTSC03660	MMJ	LC/APC	16	2x 1:8
XJTSC03661	MMJ	LC/APC	24	Pigtails
XJTSC03662	MMJ	LC/APC	24	3x 1:8
XJTSC03663	MMJ	LC/APC	32	Pigtails
XJTSC03664	MMJ	LC/APC	32	4x 1:8
XJTSC03664	MMJ	LC/APC	48	6x 1:8

Part Number	Closure	Adapter Type	No of adapters	Splitters / pigtails
XJTSC05926	CMJ	SC/APC	8	1x 1:8
XJTSC05936	CMJ	SC/APC	8	Pigtails
XJTSC05937	CMJ	SC/APC	12	Pigtails
XJTSC03720	CMJ	SC/UPC	8	1x 1:8
XJTSC03721	CMJ	SC/UPC	8	Pigtails
XJTSC03722	CMJ	SC/UPC	12	Pigtails
XJTSC05928	CMJ	LC/APC	16	2x 1:8
XJTSC05938	CMJ	LC/APC	16	Pigtails
XJTSC05940	CMJ	LC/APC	24	Pigtails
XJTSC05956	CMJ	LC/APC	16	2x 1:8
XJTSC05957	CMJ	LC/APC	16	Pigtails
XJTSC05958	CMJ	LC/APC	24	Pigtails

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 (Ø/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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