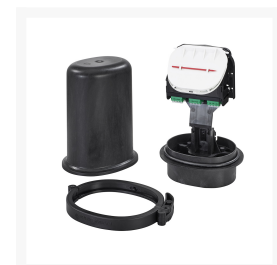


Prysmian XMJ Pre-Connectorised Closure

Product Images

Product Code: XMJ



Part Number	Closure	Adapter Type	No. of adapters	Splices / splices
KP1000000	BM	BM	1	1
KP1000001	BM	BM	2	2
KP1000002	BM	BM	3	3
KP1000003	BM	BM	4	4
KP1000004	BM	BM	5	5
KP1000005	BM	BM	6	6
KP1000006	BM	BM	7	7
KP1000007	BM	BM	8	8
KP1000008	BM	BM	9	9
KP1000009	BM	BM	10	10
KP1000010	BM	BM	11	11
KP1000011	BM	BM	12	12
KP1000012	BM	BM	13	13
KP1000013	BM	BM	14	14
KP1000014	BM	BM	15	15
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KP1000067	BM	BM	68	68
KP1000068	BM	BM	69	69
KP1000069	BM	BM	70	70
KP1000070	BM	BM	71	71
KP1000071	BM	BM	72	72

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KP1000000	BM	BM	1	1
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KP1000002	BM	BM	3	3
KP1000003	BM	BM	4	4
KP1000004	BM	BM	5	5
KP1000005	BM	BM	6	6
KP1000006	BM	BM	7	7
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KP1000014	BM	BM	15	15
KP1000015	BM	BM	16	16
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KP1000026	BM	BM	27	27
KP1000027	BM	BM	28	28
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KP1000030	BM	BM	31	31
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KP1000035	BM	BM	36	36
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KP1000044	BM	BM	45	45
KP1000045	BM	BM	46	46
KP1000046	BM	BM	47	47
KP1000047	BM	BM	48	48
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KP1000051	BM	BM	52	52
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KP1000053	BM	BM	54	54
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KP1000060	BM	BM	61	61
KP1000061	BM	BM	62	62
KP1000062	BM	BM	63	63
KP1000063	BM	BM	64	64
KP1000064	BM	BM	65	65
KP1000065	BM	BM	66	66
KP1000066	BM	BM	67	67
KP1000067	BM	BM	68	68
KP1000068	BM	BM	69	69
KP1000069	BM	BM	70	70
KP1000070	BM	BM	71	71
KP1000071	BM	BM	72	72

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 splitters • Pigtails

Please see datasheet or contact sales for options.

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