UMJ Dome Joint SE Pole Bracket no Seals

Product Image

Product Description

The Ultra Compact Multi Function Joint (UMJ) is for jointing optical fibre cables. The joint is ideal for use as a Cable Chamber Joint, Track Joint, Spur Joint or Distribution Joint due to its capacity and compact size. It has a maximum capacity of 72 fibres. The splice trays are factory fitted and each tray can accommodate up to 12 spliced fibres. 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.

•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): 2.5-8.5 (4 Way), 3x2mm flat cable (8 Way), 5–9 (2 Way), 2.5-4.2mm (8 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

•Maximum number of splice trays: 6 Single Element 6 single Circuit Double Trays (each tray has two storage area so 12 trays total)

•Maximum fibre capacity of Joint: 72 Single Element 48 Single Circuit
•Splitter capacity: 2 optical splitters of 4mm x 4mm x 60mm

•Required space envelope (mm): (l) 250 x (w) 231 x (d) 164

•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