

# LMJ MED 72 GREEN SPLIT TRAYS

## 8X2.2 GREY

### Product Images



### Product Description

The LMJ is used for access applications within the external optical network and can be used for track, spur and loop applications. It can accommodate a wide variety of cables such as loose tube, central loose tube, Flextube and blown fibre. The modular tray system is designed for positive fibre management for Single Circuit Management (SCM) and Single Element Management (SEM), and the splice trays can accommodate a variety of different types of splice protectors and splitters. The joint has ten circular ports and one oval port for mechanical entry. Mechanical glands are used to seal cables into the circular ports. Multi way glands are also available to fit multiple cables into each circular port depending on the cable diameter. The closure can be mounted using one of the mounting brackets available or directly buried.

## **Technical Data**

Required Space Envelope (mm) – 600 x 310 for LMJ Medium Cap

Capacity for Single Element Management (SEM) – 12f, 24f and 36f per tray:

Maximum number of trays – 80 trays (40+40)

Maximum splices – 960f

Using 24 Splice Tray – 1920f

Using Splice Tray – 2880

Capacity for Single Circuit Management (SCM) – 4f per tray

Maximum number of trays – 160 trays (80+80)

Maximum Splices – 640f

Minimum Fibre Bend Radius (mm) – 30

Number of Cable Ports – 10 circular and 1 oval

Cable Diameter Range (mm)

- Circular Port – 4 to 23
- Multi Port (in circular port) 5 to 9 (2 way), 5 to 7 (4 way), 3x2mm flat cable (8way)
- Oval Port – 6 to 21.5

Cable Retention

- Circular Port - > Cable (Ø/45) x 500N with central strength member secured
- 4 way multi way (in circular port) - > 150N for cables with Aramid yarns, > 30N for cables without Aramid yarns

Operating Temperature - -20°C to + 60°C (5 to 95% RH)

### Material

- Cap & Base – GF Polypropylene
- Clamp – GF Nylon
- Splice Trays – FR ABS/FR HIPS

### Testing

- Closure Sealing – IP68 (5 metres) (IEC 61300-2-23)
- Optical – Tested 1310nm, 1550nm, 1625nm
- Change of Temperature – IEC61300-2-2
- 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

### **Kit Contents**

The LMJ is supplied as an empty closure with a cap, a base, a clamp, a sealing gasket and a support frame. Cable entry kits, splice trays and accessories are ordered separately as required.

### **Additional Items**

- Oval Port Entry Kits

- Circular Port Gland Kits
- Splicing Modules
- Splitter Modules
- Splice Protectors
- Mounting Brackets
- Closure Upgrade Kits