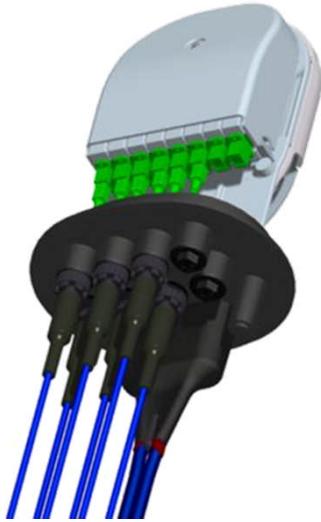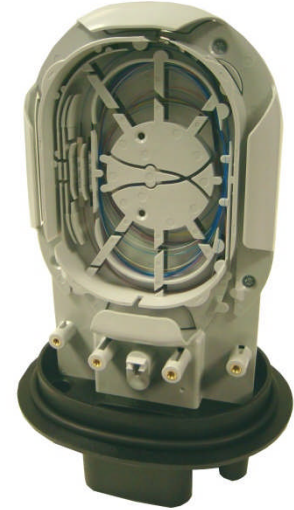# QUICKDR@W® Connectorised Lead-in Joint (CLJ) – MK 3

Prysmian Part Numbers: *See Below*

Shown above & ordered separately is the Lead-In Assembly (LIA) Mk2

The QUICKDR@W CLJ mk2 is purpose built customer access termination that allows the fast and incremental activation of customer services utilising simple practices. The CLJ mk2 allows the plug in connection of up to 8 individual customer leads-in cables at the time of service activation. The CLJ Mk2 is designed to be cascaded on a single distribution cable for but also allows for up to 2 additional cables to be spurred off of the each enclosure. A maximum capacity of 24 splices can be performed using the basic enclosure with an upgrade splice tray to allow the splicing of an additional 24 Fibres (total 48F).

Features and Benefits

- The system is designed for one-man customer connection using semi-skilled labour, thus significantly reducing the cost of subscriber connections.

- Up to 8 pre-connectorised QUICKDR@W Lead-in Assemblies can be individually installed into the lead-in seal ports.

- Deferred installation cost through incremental customer connection.

- Skilled labour required for initial CLJ mk2 installation in the distribution phase. Subsequent lead-in cable connections require only minimal training.

- The joint can be supplied with 8 SC type adapters and pigtails pre-installed for single fibre applications.

- The CLJ mk2 can also be supplied with pre-installed Connectorised passive splitters (1x4 or 1x8)

- The joint allows the storage of a continuous loop of loose tube cable elements within the dedicated storage area at the front of the closure.

- All fibres are positively managed to a 30mm bend radius.

- The closure base contains one oval port and eight lead-in seal ports.

- Lead-in cables are mechanically sealed to IP67.

- The CLJ mk2 is compatible with a range of Prysmian produced optical cables which can be used to distribute the fibres to each unit. Please contact Prysmian to discuss your specific requirements.

- Optional upgrade splice tray is available for additional splicing capacity (max 48F)

Kit Contents

The QUICKDR@W Connectorised Lead-in Joint is supplied with a splice tray, connector patch panel, pigtails, oval port installation kit, splice protectors and a wall mounting bracket.
Options are also available for a passive splitter to be pre-installed (1x4 or 1x8)

Additional Items

- QUICKDR@W Lead-in Assembly Mk2
- Support Tool
- Secondary Splice Tray
- Circular Port Heat Shrinks

Part Numbers

XAUSC00025 – CLJ Mk2 with 8x SC/APC

XAUSC00048 – CLJ Mk2 with 4x SC/APC

XAUSC00049 – CLJ Mk2 with 1x8 splitter (SC/APC)

XAUSC00050 – CLJ Mk2 with 1x4 splitter (SC/APC)

XAUSC00046 – CLJ Mk2 1x8 Splitter-Ready

XAUSC00053 – CLJ Mk2 Splice only (48F)

Other configurations available on request.

Technical Data

- Number of cable ports: 8 (Lead-in Seal), 1 (Oval), 2 (circular)
- Maximum cable diameter (mm):   7 (Lead-in Seal), 21 (Oval), 12 (circular)
- Maximum splice tray capacity: 1 (24 fibres), 1 upgrade (additional 24)
- Maximum capacity: 8 customer connection cables (1f each)
- Maximum loop capacity: 96 (8 x 12 fibre elements)
- Required space envelope (mm):   (l) 300 x (w) 231 x (d) 164 (length 410mm when heat shrink applied)
- Operating temperature: -20°C to + 70°C (5 to 95% RH)
- Sealing: IP68
- Material:-
    - Cap: Glass Filled Polypropylene
    - Base: Glass Filled Polypropylene
    - Splice tray: FR HIPS
- Testing:-
    - Closure sealing: IP68 – AS60529-2004 IEC60529 Ed 2.1 2001   IEC61753-111-8
    - Optical: Tested at 1310nm, 1383nm, 1550nm and 1625nm
    - Dry heat: BS EN 60068-2-2 Test Bb
    - Damp heat: IEC 60068-2-3: 1969
    - Change of temperature: IEC 60068-2-14: 1984
    - Vibration: IEC 60068-2-6: 1995
    - Shock: IEC 60068-2-27: 1987

Logistics

- Packing Dimensions (mm):   (l) 480 x (w) 250 x (d) 210
- Packed Weight (kg):-   2.4
- Net weight (kg):-   1.9

Additional Items

QUICKDR@W Lead-in Assembly Mk2

The Quickdraw Lead In Assembly MK3 is a pre-connectorised cable for the CLJ. The assembly contains all of the components required to install one pre-connectorised cable between the CLJ and the customer premise. The cables are supplied on reels in various standard lengths and are available in 1F or 2F versions.

Prysmian Part No. – See QUICKDR@W Lead-in Assembly Mk2 data sheet - DSAU002
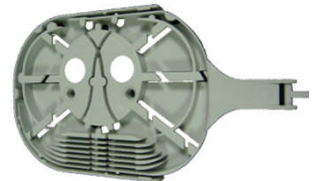
Support Tool

The Compact Joint support tool allows the user to support an Compact Joint or CLJ within a portable workbench. The bracket is designed to fit most commercially available workbenches. It is dimensioned to enable a splicing machine to be placed on the workbench for close access to the splicing trays.

Prysmian Part No. – XJTSC00075

Secondary Splice Tray

The CLJ MK3 Secondary splice tray can be used to upgrade the splicing capacity of the CLJ MK3. The splice tray can accommodate 24 fibre splices and is used in applications where a spur cable is required to be dropped from the primary looped cable.

Prysmian Part No. – XAUSC00026

CLJ Cable Entry Kit

The CLJ Cable Entry Kit is used to install an additional cable into one of the two circular ports. The Secondary Splice Tray allows of an increased splice capacity within the CLJ mk2 and able to house an additional 24 splices (Total 48F). All fibres are positively bend managed to radius 30mm within the splice tray at all points. The kit comprises of a cable heat shrink, aluminium foil and a alcohol wipe.

Prysmian Part No. – XAUSC00027

Prysmian Telecom Cables & Systems Australia Pty Ltd, 1 Thew Parade, Dee Why, NSW 2099, Australia
Technical Enquiries: +61 (0)2 9937 7167 Fax Number +61 (0)2 9931 7152