Technical Data Sheet

Internal Corridor Box (ICB)

SC SX / LC DX

Application / Product Description

The Internal Corridor Box provides a customer connection point within an MDU environment. The ICB allows a multi-fibre cable with a maximum diameter of 2.8mm to be routed along a corridor. The midspan capability enables a single fibre to be dropped off at each customer location allowing the remainder of the cable to feed additional customer connections.

Up to 2m of cable can be stored in the enclosure (or 4m if the cable jacket and aramid yarn are removed) for a friendly fibre preparation at a nominal working height of 1m.

The ICB is designed for horizontal or vertical installation with 4 entry/exit ports (2 at the top and 2 at the bottom of the base). This allows the corridor cable to pass through (inline) from the top or from the bottom or to enter and exit via one of the ports.

Fibre cable retaining clips ensure the fibres remain secure once installed and adhere to the minimum bend radius of 7.5mm. Two rear-entry holes allow the trouble-free installation of the apartment reel cable through the wall behind the box.

The ICB is manufactured in a mix of Polycarbonate and Acrylonitrile Butadiene Styrene (PC-ABS) material that attains the UL94 V0 standard. A fire-resistant metal clip is fitted inside to comply with the current IET Wiring Regulations.

The clip-on cover is designed to work for installations on uneven surfaces. A 55 x 15mm inset position allows for a customer logo to be moulded on the cover. Two slotted fixings enable perfect horizontal alignment.
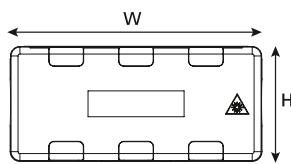
The standard box is configured for one adaptor (LC duplex or SC simplex) and one splice bridge (3A or ANT/Crimp) or splitter bridge. The provision for up to 12 splices allows cable section replacement in the event of installation damage. The ability to install standard PLC splitters is optional for multi-drop applications.

There is another version of the base designed for two adaptors in case of multiple broadband providers.

Features and Benefits:

- Maximum of 4 customer connections
- Up to 12 x 3A or ANT splices
- Small, low profile design
- Positive fibre management
- 4 corner cable access points
- Through the wall capability
- IP20 and IK07 rating
- Clipped on cover
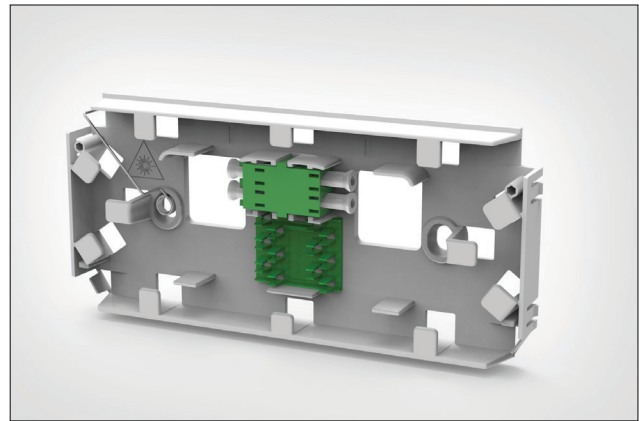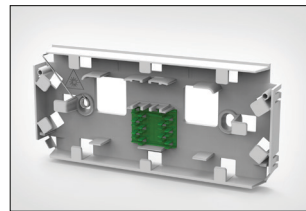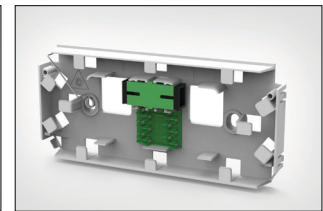- UL94 V0 rating
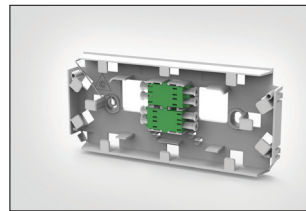- Multi operator version

ICB (shown with 1 x 3A bridge and 1 x LC/APC DX adaptor).
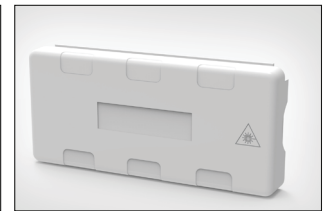

ICB (shown with 1 x 3A bridge).

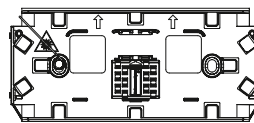*ICB (shown with 1 x 3A bridge and 1 x SC/APC SX adaptor).*
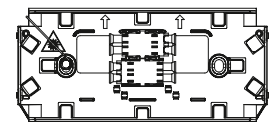

ICB (shown with 2 x 2 LC/APC DX adaptors).
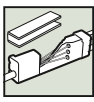

ICB (shown with lid).

Dimensions (mm)	H	W	D
	66	144	21
Version	ICB-S	ICB-C	
Maximum number of adaptors	1 x SC Simplex or 1 x LC Duplex	2 x SC Simplex or 2 x LC Duplex	
Splice Capacity	12 x 3A or ANT	2 x 3A	
Splice Protector Length	Up to 50mm		
Housing Material	Polycarbonate + ABS UL94-V0		
Colour	White		

Technical Diagrams

Front View

Side View

Front View (ICB-S without lid)

Front View (ICB-C without lid)

Base View

Part Numbers

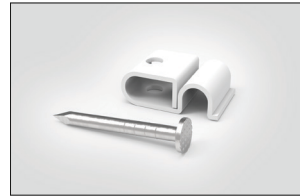| Part Number	Description	UNS
ICB-SXXXX/WH	INTERNAL CORRIDOR BOX - 1 x 3A splice bridge, no adaptor (Max Capacity 1 x LCDX/SCSX)	857-02845
ICB-S1LXX/WH	INTERNAL CORRIDOR BOX – 1 x 3A splice bridge, 1 x LC/PC DX adaptor	857-02847
ICB-S1AXX/WH	INTERNAL CORRIDOR BOX – 1 x 3A splice bridge, 1 x LC/APC DX adaptor	857-02848
ICB-S1SXX/WH	INTERNAL CORRIDOR BOX – 1 x 3A splice bridge, 1 x SC/PC SX adaptor	857-02849
ICB-S1VXX/WH	INTERNAL CORRIDOR BOX - 1 x 3A splice bridge, 1 x SC/APC SX adaptor	857-02850
ICB-S1A2P/WH	INTERNAL CORRIDOR BOX - 1 x 3A splice bridge, 1 x LC/APC DX adaptor, 2 x pigtails	857-02851
ICB-S1V1P/WH	INTERNAL CORRIDOR BOX - 1 x 3A splice bridge, 1 x SC/APC SX adaptor, 1 x pigtail	857-02852
ICB-CXXXX/WH	INTERNAL CORRIDOR BOX – No adaptor (Max Capacity 2 x LCDX/SCSX)	857-02846
ICB-C2AXX/WH	INTERNAL CORRIDOR BOX - 2 x LC/APC DX adaptors	857-02853
ICB-C2VXX/WH	INTERNAL CORRIDOR BOX - 2 x SC/APC SX adaptors	857-02854
ICB-C2A4P/WH	INTERNAL CORRIDOR BOX - 2 x LC/APC DX adaptors, 4 x pigtails	857-02855
ICB-C2V2P/WH	INTERNAL CORRIDOR BOX - 2 x SC/APC SX adaptors, 2 x pigtails	857-02856

Accessories

Glue Cartridge (30cc)
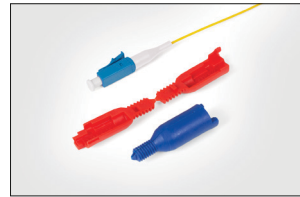

Glue Dispenser

P-Clips (bag of 100)

Nano Clips (2 or 3mm)

Cable Management Kit
Corner Bend Managers with hole plugs & caps

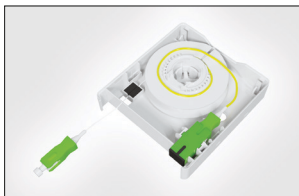**Cable Scout Deluxe Set**

Rod End Caps
LC Connector

Indoor Corridor Cable
4F or 12F

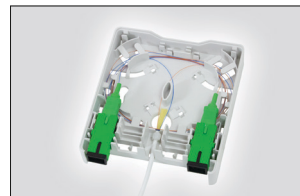**Fan out Cable**
4F or 12F

Associated Products

Faint Fibre Outlet (FFO)
SC/APC SX Adaptor

Fibre Wall Outlet (FWOA)
SC/APC SX Adaptors

Pre-terminated Fibre Wall Outlet (FWOA)
SC/APC SX Adaptors

HellermannTyton