

# Luna-S Small Building Distribution Point

The LUNA-S Building Distribution Point (BDP) brings your FTTx network alive with feature rich options all engineered into a single, high quality injection moulded enclosure. It's a flexible solution which can be deployed internally or externally for FTTx, broadband and Passive Optical LAN (POLAN) projects.

Internal fibre management configurations support cable-to-cable splicing (up to a maximum of 36 splices), pre-connectorised splits (up to a maximum of 3 x PLC splitters) or cable spliced to adaptors and pigtails for splice & patching applications (up to a maximum of 14 for LC connectivity).

UV resistant, IK08 impact and IP 55 rated against water and dust ingress, the LUNA-S BDP features securing anchors for easy fixation of incoming and outgoing cabling via multiple rubber sealing grommets offering a range of varying cable diameters as well as a slit-foam seal for sliding in pre-terminated cabling.

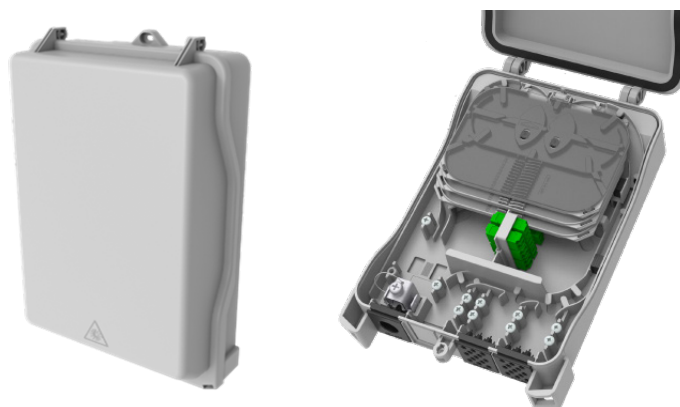
Inside the hinged lid is an integrated documentation holder and fibre pick. Access to the enclosure can be restricted via a coded M4 x 19 screw, retained within the lid or key-lock to suit your project requirement.

## Features & Benefits

- Access restricted removeable lid
- EasySecure cable anchoring system for Incoming cable
- Compact, Installer-friendly design
- Supports minimum bend radii of 30mm

## Applications

- Suitable for FTTx, broadband & PON networks
- Building distribution for small multi or multi dwelling units (MDU's)
- Floor distribution for large multi dwelling units
- Wall, pole or façade mounting



Product Specifications		
Feature	Performance	Standard Reference
Dimensions (H x W x D in mm's)	270 x 180 x 60	-
Weight (kg) (min. to max. depending on configuration)	0.8 to 0.9	-
IP (Ingress Protection) Rating	IP 55	IEC 60529
Impact Rating	IK 08	IEC 61300-2-12
Material	Polycarbonate (PC)	-
Flame Resistance	V0	UL 94
UV Resistance	Compliant	DIN EN ISO 4892-3, Method B, Cycle No. 5 (350 hours)
Number of Cable Entries/Exits	4 (one entry, three exits)	-
Entry/Exit Seal Formats	1 x Ø2-12mm (Incoming) 4 x Ø3-8mm, 13 x Ø2-3mm or 12 x Ø2-3mm (exiting)	-

## Optical Specifications

Feature	Value
Splice Tray Capacity	Up to 3 Splice Trays
Splice Tray Splice Holder Capacity	12
Compatible Splice Protectors	Shrink $\varnothing$ 2.3-2.6mm   40 to 60mm long   45mm 3A preferred
Splice Tray Fibre Type Compatibility	ITU.G.652.D   ITU-T.G.657.A1   ITU-T.G.657.A2
Splice Tray Thickness	6mm
Storage Length of 250 $\mu$ m Primary Coated Fibre	> 36 metres (2 x 12 pigtailed of 1.5 metre lengths)
Adaptor Capacity	7 x SC Simplex   7 x LC Duplex (SC Footprint)
Pigtail Capacity	7 x SC   14 x LC
Splitter Capacity - SC/APC connectivity	Up to 2 x 1:4 or 1 x 1:8 PLC Splitter(s)
Splitter Capacity - LC/APC connectivity	Up to 3 x 1:4 or 2 x 1:8 PLC Splitter(s)
PLC Splitter Housing Dimensions (L x W x H)	60 x 7 x 4mm

## Ordering Information

Product Description	Configuration	Part Number
LUNA-S Building Distribution Point (BDP)	Empty	LUNA-S
LUNA Splice Tray with 12 Way Heat Shrink Splice Holder	Splice Tray Only (no cover)	LUNA-FSP-GY
Splice Protector Sleeve $\varnothing$ 2.3 $\pm$ 0.1 Shrink Ratio	45mm long	
LUNA Entry Seal	1 x $\varnothing$ 2-12mm	LUNA-SEAL1
LUNA Exit Seal 4-Way	4 x $\varnothing$ 3-8mm	LUNA-SEAL3
LUNA Exit Seal 13-Way	13 x $\varnothing$ 2-3mm	LUNA-SEAL-2
LUNA Exit Slit Seal 12-Way	12 x $\varnothing$ 2-3mm	LUNA-SEAL4

For other requirements please contact your Account Manager or Connectix Sales for more information.