



Encasa

36 Fibre Distribution Point



ENCASA 36 FIBRE DISTRIBUTION POINT



PRODUCT OVERVIEW

The Encasa range of fibre distribution points has been meticulously designed to seamlessly integrate into the FTTx network. These enclosures can be aerially or wall-mounted. Crafted from 100% virgin UL 94-V0 rated material, UV stable, and boasting an IP56 rating, they excel in both internal and external applications.

This Encasa fibre distribution point accommodates 36 fibres (using LC connections) or 18 fibres (using SC connections). Flexibility is enhanced through the option to utilize the enclosure for traditional cable splicing with a capacity of 36 fibres and for the installation of pre-terminated cables via the split gland cable exit points.

The use of splitters is also supported, with mounting positions for up to 8 units located on the underside of the adaptor tray. Each enclosure comes pre-loaded with APC adaptors and splitters. The splitters are terminated with APC connections on the outgoing end and left unterminated on the incoming end as standard.

Options are available to be loaded with adaptors and standard pigtails or with adaptors only. The cable entry points allow for midspan cable installation and for cables to be passed through to provide feed to additional enclosures in the network.

Integrated fibre management allows for the installation of 250 μm and 900 μm fibres, ensuring the safety of the fibres and maintaining the required bend radius.

PRODUCT FEATURES



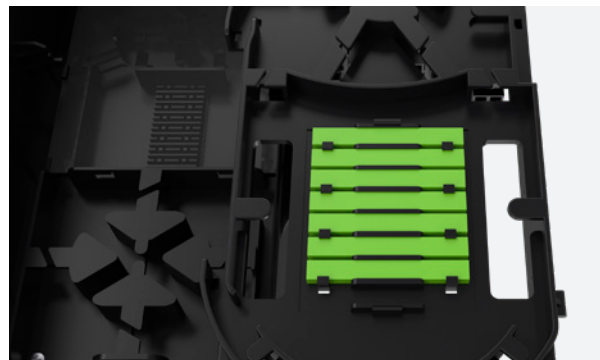
Adaptor Field



Cable Tie Points



Cable Storage



Splitter Area

GENERAL

Maximum number of fibres	18 SC or 36 LC
Maximum number of splices	36
Adaptor type	SC Simplex/LC Duplex
Maximum number of adaptor positions	18
IP rating	IP56 - suitable for internal and external installations
UV stable	Yes
Material	ABS+PC
UL94-V0	Yes
Colour	Light grey (RAL 7035) or black (RAL 9005) Other colours available subject to MOQ
Dimensions (mm)	320mm H x 148mm W x 102mm D

SPLITTER OPTIONS

1:4 plc splitter	Maximum of 8
1:8 plc splitter	Maximum of 8
1:16 plc splitter	Maximum of 2
1:32 plc splitter	Maximum of 1

CABLE ENTRY AND EXIT PARAMETERS

Number of feeder cable entry points	4
Midspan capability	Yes
Cable diameter	6mm – 12mm
Number of cable exit points	36
Cable diameter	3mm – 6mm



Cable Entry Points



Cable Exit Points

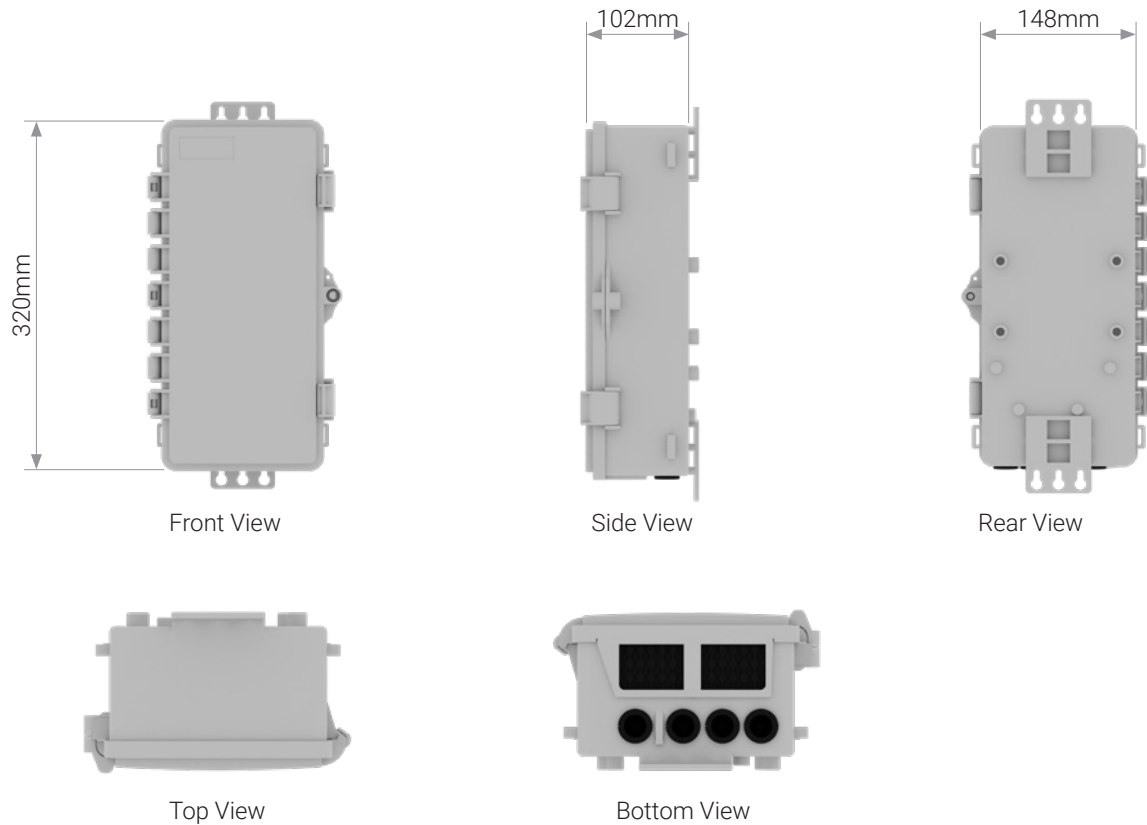
LC AND SC APC ADAPTOR SPECIFICATION

Insertion loss	< 0.2 dB
Durability (500 mating)	< 0.2 dB max increase
Operating temperature	-40°C to 80°C
Retention force	200 - 600 grams
Alignment sleeve material	Ceramic
Flammability rated	UL94-V0
Polish type	APC

SPLITTER SPECIFICATION

	1x4	1x8	1x16	1x32
Operating wavelength	1260 to 1650 nm			
Fibre type	G657A2			
Temperature stability (dB) at -40°C to 85°C	≤0.4	≤0.4	≤0.5	≤0.5
Storage temperature	-40°C to 85°C			
Return loss	≥55dB			

DIMENSIONS



PART NUMBER INFORMATION

Part Number	Product Description
936-000	Encasa 36F Fibre Distribution Point Unloaded Black
936-001	Encasa 36F Fibre Distribution Point with 4 LCA connections Black
936-002	Encasa 36F Fibre Distribution Point with 4 LCA connections Grey
936-003	Encasa 36F Fibre Distribution Point with 8 LCA connections Black
936-004	Encasa 36F Fibre Distribution Point with 8 LCA connections Grey
936-005	Encasa 36F Fibre Distribution Point with 12 LCA connections Black
936-011	Encasa 36F Fibre Distribution Point with 36 LCA connections Black
936-012	Encasa 36F Fibre Distribution Point with 36 LCA connections Grey
936-025	Encasa 36F Fibre Distribution Point with 4 LCA connections + 1 x 1:4 splitter Black
936-029	Encasa 36F Fibre Distribution Point with 8 LCA connections + 1 x 1:8 splitter Black
936-037	Encasa 36F Fibre Distribution Point with 16 LCA connections + 1 x 1:16 splitter Black
936-043	Encasa 36F Fibre Distribution Point with 32 LCA connections + 1 x 1:32 splitter Black

N.B Wall Mounting Kit is included.

ACCESSORIES

Part Number	Product Description
900-900	Encasa Pole Mounting Kit for 16f/24f/36f Fibre Distribution Points - Black
900-901	Encasa Pole Mounting Kit for 16f/24f/36f Fibre Distribution Points - Grey

Design registration and patent pending.

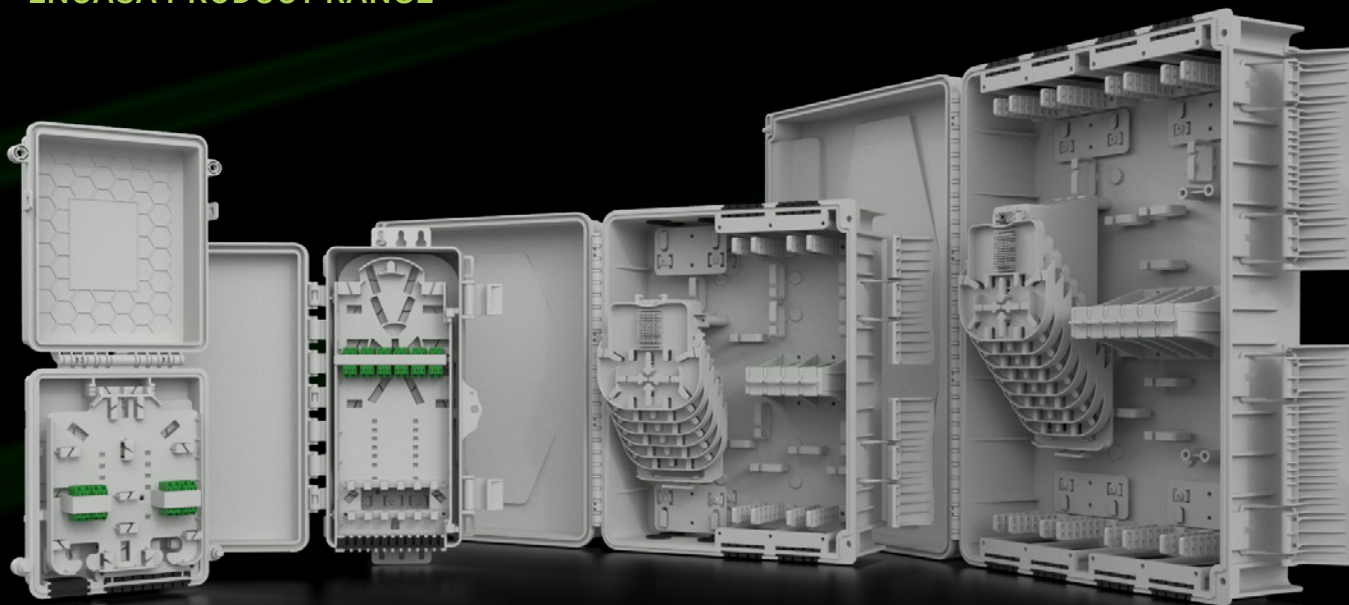


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ENCASA PRODUCT RANGE



The Encasa range from Excel provides flexible, easy to use enclosures with a range of connection options and capacities, complemented by fast to install pre-connectorised cables.

