



# Encasa

## 24 Fibre Distribution Point



## ENCASA 24 FIBRE DISTRIBUTION POINT



### PRODUCT OVERVIEW

The Encasa range of fibre distribution points have been designed to fit within the FTTx network. These enclosures can be aerial, or wall mounted. Made from 100% virgin UL94-V0 rated material, UV stable and are IP56 rated, allowing them to be used in both internal and external applications.

This Encasa fibre distribution point accommodates 24 fibres (using LC connections) or 12 fibres (using SC connections). Flexibility is increased through the option to use the enclosure for traditional splicing of cables with a capacity of 24 fibres and the installation of pre-terminated cables via the split gland cable exit points.

The use of splitters is also possible with mounting positions for up to 6 units found 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 unterminated on the incoming end as standard. Options are available to have adaptors and standard pigtails or loaded with adaptors only.

The cable entry points allow for midspan cable installation and for cable to be passed through to feed further enclosures in the network.

Integrated fibre management allows 250µm and 900µm fibre to be installed, keeping the fibres safe and always maintaining the required bend radius.

## GENERAL

Maximum number of fibres	12 SC or 24 LC
Maximum number of splices	24
Adaptor type	SC Simplex/LC Duplex
Maximum number of adaptor positions	12
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)	341mm H x 137mm W x 95mm D

## SPLITTER OPTIONS

1:4 plc splitter	Maximum of 6
1:8 plc splitter	Maximum of 3

## CABLE ENTRY AND EXIT PARAMETERS

Number of feeder cable entry points	4
Midspan capability	Yes
Cable diameter	6mm – 12mm
Number of cable exit points	24
Cable diameter	3mm – 6mm

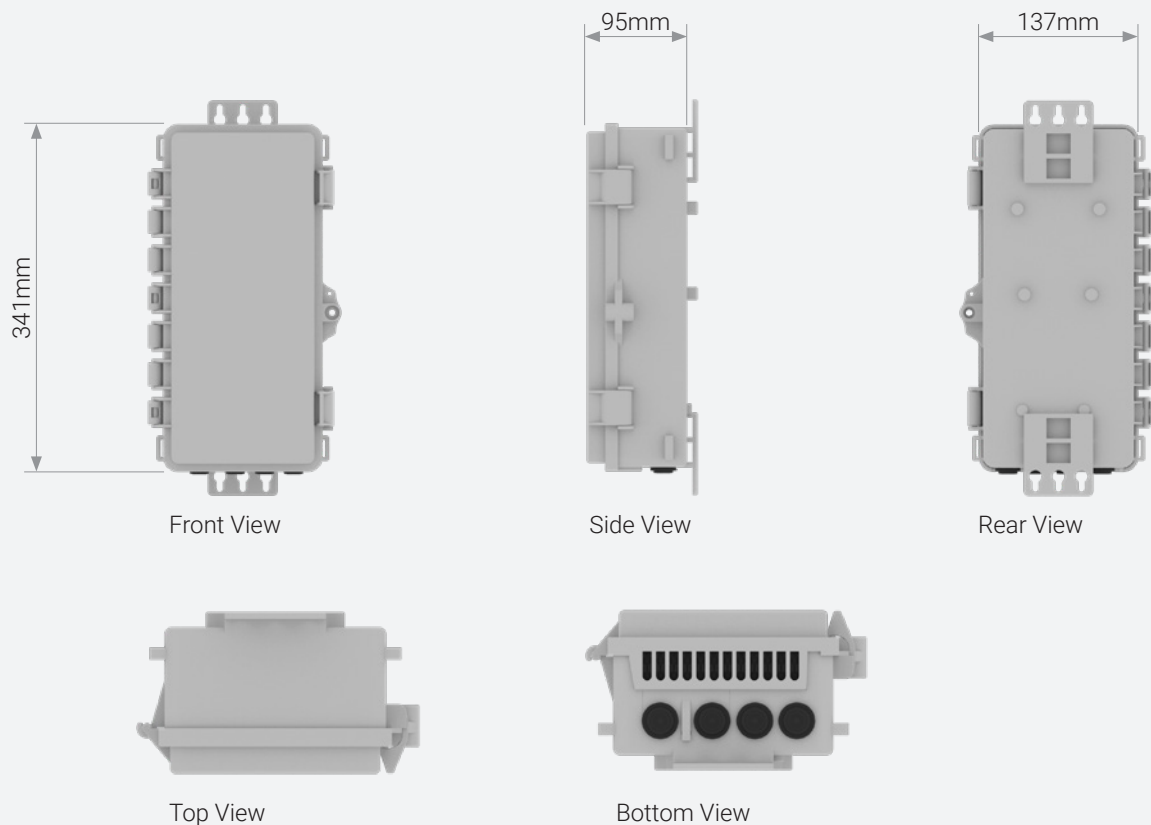
## LC AND SC APC ADAPTOR SPECIFICATION

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

## DIMENSIONS



## PART NUMBER INFORMATION

Part Number	Product Description
924-000	Encasa 24 fibre distribution point loaded with 24 x LCA adaptors + 6 x 1:4 splitters black
924-001	Encasa 24 fibre distribution point loaded with 24 x LCA adaptors + 6 x 1:4 splitters grey
924-002	Encasa 24 fibre distribution point loaded with 24 x LCA adaptors + 3 x 1:8 splitters black
924-003	Encasa 24 fibre distribution point loaded with 24 x LCA adaptors + 3 x 1:8 splitters grey
924-004	Encasa 24 fibre distribution point loaded with 12 x SCA adaptors + 3 x 1:4 splitters black
924-005	Encasa 24 fibre distribution point loaded with 12 x SCA adaptors + 3 x 1:4 splitters grey

## ACCESSORIES

Part Number	Product Description
Pole-Kit-01	Encasa pole mount kit

Design registration and patent pending.



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