Excel Encasa 24 Fibre Distribution Point with 4 LCA Connections Grey

Item Code: 924-007

excel
without compromise.

FTTx solutions

- X Designated splitter area
- X IP56 rated
- X Accepts LC duplex or SC simplex
- X Internal/external
- X UL 94 V-0
- X RoHS compliant

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 UL 94 V-0 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 250 µm and 900 µm fibre to be installed, keeping the fibres safe and always maintaining the required bend radius.

Product Specifications

Feature	Values
Surface mounted	yes
Type of connector	LCA/SCA
With couplers	yes
Suitable for type of fibre	Single mode
IP-rating	IP56

Ambient temperature	-40...60 °C
Width	137 mm
Height	341 mm
Depth	95 mm

Additional specifications

Features	Values
Maximum number of fibres	12 SC or 24 LC
Maximum number of splices	24
Adaptor type	SC simplex or LC quad
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 (Other colours available subject to MOQ)	Light Grey (RAL 7035) or black (RAL 9005)
Dimensions (mm)	341 mm H x 137 mm W x 95 mm D

Splicer Options

Features	Values
1:4 plc plitter	Max. 6
1:8 plc splitter	Max. 3

Cable Entry and Exit Parameters

Features	Values
Number of feeder cable entry points	4
Midspan capability	Yes
Cable diameter	6 mm to 12 mm
Number of drop cable exit points	24
Cable diameter	3 mm - 6 mm

LC and SC/APC Adaptor Specification

Features	Values
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	UL 94 V-0
Polish type	APC

Splitter Specification

Features	Values
	1x4 1x8
Operating wacelength	1260 to 1650
Fibre type	G.657.A2
Temperature stability (dB) at -40°C to 85°C	≤ 0.4 ≤ 0.4
Storage temperature	-40°C to 85°C
Return loss	≥ 55 dB

Standards

Applicable standard	Detail
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

Part Number Table

Part Number	Description
924-000	Excel Encasa 24 Fibre Distribution Point with 24 LCA Connections + 6x 1:4 Splitter Black
924-001	Excel Encasa 24 Fibre Distribution Point with 24 LCA Connections + 6x 1:4

	Splitter Grey
924-002	Excel Encasa 24 Fibre Distribution Point with 24 LCA Connections + 3x 1:8 Splitter Black
924-003	Excel Encasa 24 Fibre Distribution Point with 24 LCA Connections + 3x 1:8 Splitter Grey
924-004	Excel Encasa 24 Fibre Distribution Point with 12 SCA Connections + 3x 1:4 Splitter Black
924-005	Excel Encasa 24 Fibre Distribution Point with 12 SCA Connections + 3x 1:4 Splitter Grey
924-006	Excel Encasa 24 Fibre Distribution Point with 4 LCA Connections Black
924-007	Excel Encasa 24 Fibre Distribution Point with 4 LCA Connections Grey
924-008	Excel Encasa 24 Fibre Distribution Point with 8 LCA Connections Black
924-009	Excel Encasa 24 Fibre Distribution Point with 8 LCA Connections Grey
924-010	Excel Encasa 24 Fibre Distribution Point with 12 LCA Connections Black
924-011	Excel Encasa 24 Fibre Distribution Point with 12 LCA Connections Grey
924-012	Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections Black
924-013	Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections Grey
924-014	Excel Encasa 24 Fibre Distribution Point with 24 LCA Connections Black
924-015	Excel Encasa 24 Fibre Distribution Point with 24 LCA Connections Grey
924-026	Excel Encasa 24 Fibre Distribution Point with 4 LCA Connections + 1x 1:4 Splitter Black
924-027	Excel Encasa 24 Fibre Distribution Point with 4 LCA Connections + 1x 1:4 Splitter Grey
924-028	Excel Encasa 24 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Black
924-029	Excel Encasa 24 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Grey
924-030	Excel Encasa 24 Fibre Distribution Point with 12 LCA Connections + 3x 1:4 Splitter Black
924-031	Excel Encasa 24 Fibre Distribution Point with 12 LCA Connections + 3x 1:4 Splitter Grey
924-032	Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections + 4x 1:4 Splitter Black
924-033	Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections + 4x 1:4 Splitter Grey
924-035	Excel Encasa 24 Fibre Distribution Point with 8 LCA Connections + 1x 1:8 Splitter Grey
924-036	Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections + 2x 1:8

		Splitter Black
924-037		Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections + 2x 1:8 Splitter Grey
924-053		Excel Encasa 24 Fibre Distribution Point with 4 SCA Connections Black
924-054		Excel Encasa 24 Fibre Distribution Point with 4 SCA Connections Grey
924-055		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections Black
924-056		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections Grey
924-057		Excel Encasa 24 Fibre Distribution Point with 12 SCA Connections Black
924-058		Excel Encasa 24 Fibre Distribution Point with 12 SCA Connections Grey
924-059		Excel Encasa 24 Fibre Distribution Point with 4 SCA Connections + 4 Pigtails Black
924-060		Excel Encasa 24 Fibre Distribution Point with 4 SCA Connections + 4 Pigtails Grey
924-061		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections + 8 Pigtails Black
924-062		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections + 8 Pigtails Grey
924-063		Excel Encasa 24 Fibre Distribution Point with 12 SCA Connections + 12 Pigtails Black
924-064		Excel Encasa 24 Fibre Distribution Point with 12 SCA Connections + 12 Pigtails Grey
924-065		Excel Encasa 24 Fibre Distribution Point with 4 SCA Connections + 1x 1:4 Splitter Black
924-066		Excel Encasa 24 Fibre Distribution Point with 4 SCA Connections + 1x 1:4 Splitter Grey
924-067		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections + 2x 1:4 Splitter Black
924-068		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections + 2x 1:4 Splitter Grey
924-069		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections + 1x 1:8 Splitter Black
924-070		Excel Encasa 24 Fibre Distribution Point with 8 SCA Connections + 1x 1:8 Splitter Grey
924-081		Excel Encasa 24 Fibre Distribution Point with 16 LCA Connections + 1x 1:16 Splitter Grey

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com