Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections + 1x 1:8 Splitter Grey

Item Code: 916-007

FTTx solutions

- ✗ Designated splitter area
- ✗ IP56 rated
- ✗ Accepts LC quad or SC duplex
- ✗ Internal/external
- ✗ UL 94 V-0
- ✗ 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 16 fibres (using LC connections) or 8 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 that accept both flat and round cable. The use of splitters is also possible with mounting positions for up to 4 units found on the underside of the adaptor tray.

Blown fibre installations can also be accommodated, with a dedicated gas seal holder housed within the cable storage area in the base of the enclosure. 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	155 mm
Height	193 mm
Depth	77 mm

Additional specifications

Features	Values
Maximum number of fibres	8 SC or 16 LC
Maximum number of splices	24
Adaptor type	SC simplex or LC quad
Maximum number of adaptor positions	4
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)	193 mm H x 155 mm W x 77 mm D

Splitter Options

Features	Values
1:4 plc plitter	Max. 4
1:8 plc splitter	Max. 2
1:16 plc splitter	Max. 1

Cable Entry and Exit Parameters

Features	Values
Number of feeder cable entry points	2
Midspan capability	Yes
Cable diameter	6 mm to 12 mm
Number of drop cable exit points	16
Cable diameter	3 mm - 6 mm

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Number of rear cable netry points	1
Cable diameter	6 mm - 12 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 1x16
Operating wacelength	1260 to 1650
Fibre type	G.657.A2
Temperature stability (dB) at -40°C to 85°C	≤ 0.4 ≤ 0.4 ≤ 0.5
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.

excel
without compromise.

Part Number Table

Part Number	Description
916-000	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections + 4x 1:4 Splitter Black
916-001	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections + 4x 1:4 Splitter Grey
916-002	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections + 2x 1:8 Splitter Black
916-003	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections + 2x 1:8 Splitter Grey
916-004	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections + 1x 1:16 Splitter Black
916-005	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections + 2x 1:16 Splitter Grey
916-006	Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections + 1x 1:8 Splitter Black
916-007	Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections + 1x 1:8 Splitter Grey
916-008	Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections + 2x 1:4 Splitter Black
916-009	Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections + 2x 1:4 Splitter Grey
916-010	Excel Encasa 16 Fibre Distribution Point with 4 LCA Connections Black
916-011	Excel Encasa 16 Fibre Distribution Point with 4 LCA Connections Grey
916-012	Excel Encasa 16 Fibre Distribution Point with 8 LCA Connections Black
916-013	Excel Encasa 16 Fibre Distribution Point with 8 LCA Connections Grey
916-014	Excel Encasa 16 Fibre Distribution Point with 12 LCA Connections Black
916-015	Excel Encasa 16 Fibre Distribution Point with 12 LCA Connections Grey
916-016	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections Black
916-017	Excel Encasa 16 Fibre Distribution Point with 16 LCA Connections Grey
916-018	Excel Encasa 16 Fibre Distribution Point with 2 SCA Connections Black
916-019	Excel Encasa 16 Fibre Distribution Point with 2 SCA Connections Grey
916-020	Excel Encasa 16 Fibre Distribution Point with 4 SCA Connections Black
916-021	Excel Encasa 16 Fibre Distribution Point with 4 SCA Connections Grey
916-022	Excel Encasa 16 Fibre Distribution Point with 6 SCA Connections Black
916-023	Excel Encasa 16 Fibre Distribution Point with 6 SCA Connections Grey

916-024	Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections Black
916-025	Excel Encasa 16 Fibre Distribution Point with 8 SCA Connections Grey
916-026	Excel Encasa 16 Fibre Distribution Point with 10 SCA Connections Black
916-046	Excel Encasa 16 Fibre Distribution Point with 4 LCA Connections + 1x 1:4 Splitter Black
916-047	Excel Encasa 16 Fibre Distribution Point with 4 LCA Connections + 1x 1:4 Splitter Grey
916-048	Excel Encasa 16 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Black
916-049	Excel Encasa 16 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Grey
916-050	Excel Encasa 16 Fibre Distribution Point with 12 LCA Connections + 3x 1:4 Splitter Black
916-051	Excel Encasa 16 Fibre Distribution Point with 12 LCA Connections + 3x 1:4 Splitter Grey
916-052	Excel Encasa 16 Fibre Distribution Point with 8 LCA Connections + 1x 1:8 Splitter Black
916-053	Excel Encasa 16 Fibre Distribution Point with 8 LCA Connections + 1x 1:8 Splitter Grey
916-054	Excel Encasa 16 Fibre Distribution Point with 4 SCA Connections + 1x 1:4 Splitter Black
916-055	Excel Encasa 16 Fibre Distribution Point with 4 SCA Connections + 1x 1:4 Splitter Grey
916-056	Excel Encasa 16 Fibre Distribution Point Unloaded Grey
916-077	Excel Encasa 16 Fibre Distribution Point Unloaded Black