

# Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Black

Part Code: 908-011

sales@excel-networking.com  
excel-networking.com



FTTx  
solutions



## Main Features

- / Designated splitter area
- / Accepts LC quad or SC duplex flangless adaptors
- / UL 94 V-0
- / IP56 rated
- / Internal/external
- / 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 8 fibres (using LC connections) or 4 fibres (using SC connections). Flexibility is increased through the option to use the enclosure for traditional splicing of cables with a capacity of 12 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 2 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...

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## 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                      | 142 mm      |
| Height                     | 207 mm      |
| Depth                      | 62 mm       |

## Additional specifications

| Features  | Values  |
|---|---|
| Maximum number of fibres                        | 8   |
| Maximum number of splices                       | 12  |
| Adaptor type                                    | SC duplex or LC quad                                    |
| Maximum number of adaptor positions             | 2   |
| IP rating                                       | IP56 (suitable for internal and external installations) |
| UV stable                                       | Yes   |
| Material  | ABS + PC  |
| UL 94 V-0                                       | Yes   |
| Colour (Other colours available subject to MOQ) | Light grey (RAL 7035) or black (RAL 9005)               |

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Dimensions (mm)

207 mm H x 142 mm W x 62 mm D

## Splitter Options

| Features         | Values |
|------------------|--------|
| 1:4 plc splitter | Max. 2 |
| 1:8 plc splitter | Max. 1 |

## Cable Entry and Exit Parameters

| Features                            | Values        |
|-------------------------------------|---------------|
| Number of feeder cable entry points | 2             |
| Midspan capability                  | Yes           |
| Cable diameter                      | 5 mm to 14 mm |
| Number of drop cable exit points    | 8             |
| 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 |
|----------|--------|
|----------|--------|

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|   |                      |
|---|----------------------|
| Operating wacelength                        | <b>1260 to 1650</b>  |
| Fibre type                                  | <b>G.657.A2</b>      |
| Temperature stability (dB) at -40°C to 85°C | <b>≤ 0.4</b>         |
| Storage temperature                         | <b>-40°C to 85°C</b> |
| Return loss                                 | <b>≥ 55 dB</b>       |

## Standards

| Applicable standard                | Detail   |
|------------------------------------|--|
| Directive 2011/65/EU (RoHS II)     | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).   |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.   |
| Directive 2008/98/EC (WFD)         | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).   |
| ECHA SCIP Database                 | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.  |
| Regulation (EU) 2019/1021 (POPs)   | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).   |
| UK SI 2012 No. 3032                | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |

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## Part Code Table

| Part Code | Description  |
|-----------|--|
| 908-000   | Excel Encasa 8 Fibre Distribution Point Unloaded Grey                                  |
| 908-001   | Excel Encasa 8 Fibre Distribution Point with 4 LCA Connections Black                   |
| 908-002   | Excel Encasa 8 Fibre Distribution Point with 4 LCA Connections Grey                    |
| 908-003   | Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections Black                   |
| 908-004   | Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections Grey                    |
| 908-009   | Excel Encasa 8 Fibre Distribution Point with 4 LCA Connections + 1x 1:4 Splitter Black |
| 908-010   | Excel Encasa 8 Fibre Distribution Point with 4 LCA Connections + 1x 1:4 Splitter Grey  |
| 908-011   | Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Black |
| 908-012   | Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections + 2x 1:4 Splitter Grey  |
| 908-013   | Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections + 1x 1:8 Splitter Black |
| 908-014   | Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections + 1x 1:8 Splitter Grey  |
| 908-021   | Excel Encasa 8 Fibre Distribution Point with 2 SCA Connections Black                   |
| 908-022   | Excel Encasa 8 Fibre Distribution Point with 2 SCA Connections Grey                    |
| 908-023   | Excel Encasa 8 Fibre Distribution Point with 4 SCA Connections Black                   |
| 908-024   | Excel Encasa 8 Fibre Distribution Point with 4 SCA Connections Grey                    |
| 908-029   | Excel Encasa 8 Fibre Distribution Point with 4 SCA Connections + 1x 1:4 Splitter Black |
| 908-030   | Excel Encasa 8 Fibre Distribution Point with 4 SCA Connections + 1x 1:4 Splitter Grey  |