

Excel Encasa 8 Fibre Distribution Point with 8 LCA Connections Grey

Part Code: 908-004

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

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 |