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| 38115789 | DATA SHEET |  |
| Valid from: 09.11.2023 | EPIC® DATA FFC-LC-S*-OS2-F*-20PCS-AS | |

Description

- Hybrid Connector kit with mating face LC-simplex for singlemode fibres 0,25mm/singlemode cores 0,9 mm or singlemode cable 2,0/3.0 mm
- LC APC OS2/LC UPC OS2
- Simple, fast assembly without polishing and without gluing
- With dust protection and cable boot
- Including cleaver and fibre guide (for fibre variant)
- Including Cleaver, cable assembly set and fibre guide (for cable variant)



General parameters

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|---|--|
| Type | Plug, field-attachable |
| Connection technology, plug | interface 1: LC-Simplex (LC-S) interface 2: mechanical splice, fibre cut diagonally |
| Fibre type | singlemode, OS2 |
| Protection class | IP 20 |
| Temperature ranges: Operating temperature | -25°C ... 70°C / -13°F...158°F |
| Storage temperature | -25°C ... 70°C / -13°F...158°F |
| Allowed humidity | 0 % ... 95 % |
| Compliances | RoHS compliant REACH compliant |

Variants

| Article | Designation | Cut type (S*) | Housing colour | Suitable for (F*) | PU |
|----------|--|---------------|----------------|------------------------------|--------|
| 38115789 | EPIC® DATA FFC-LC-APC-OS2-0.25/0.9-20PCS-AS | APC | green | fibre 0,25 mm core 0,9 mm | 20 pcs |
| 38115790 | EPIC® DATA FFC-LC-APC-OS2-2/3-20PCS-AS | APC | green | cable 2,0 mm/3.0 mm | 20 pcs |
| 38115791 | EPIC® DATA FFC-LC-UPC-OS2-0.25/0.9-20PCS-AS | UPC | blue | fibre 0,25 mm core 0,9 mm | 20 pcs |
| 38115792 | EPIC® DATA FFC-LC-UPC-OS2-2/3-20PCS-AS | UPC | Blue | cable 2,0 mm/3.0 mm | 20 pcs |

Optical parameters

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|-----------------------|--------------------------|
| Insertion loss (max.) | 0,5 dB |
| Return loss (min.) | UPC: 50 dB APC: 60 dB |

Mechanical parameters

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|------------------------------------|---|
| Cable access/outlet | 180° |
| Ferrule Ø | 1,25 mm |
| Tensile strength (at cable outlet) | 5 N for fibre/core 0,25/0,9 mm 70 N for cable 2/3 mm |
| Plug-in cycles (min.) | 500 |

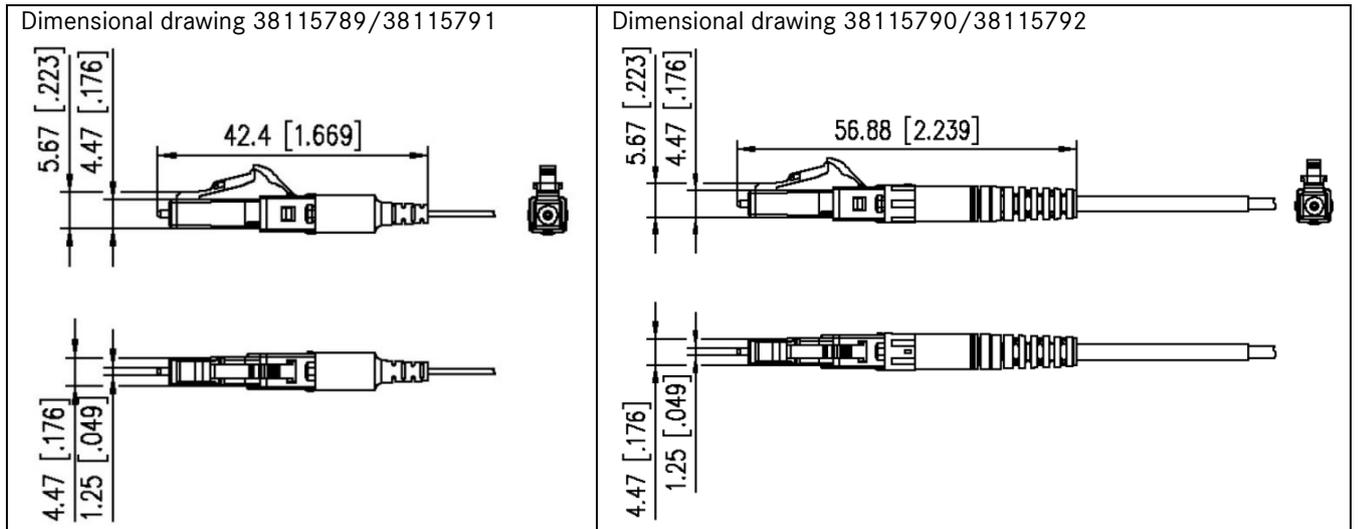
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Materials and material properties

| | |
|---------------------------|-----------|
| Ferrule, material | ceramic |
| Housing, material | plastics |
| Cable boot, material | elastomer |
| Dust protection, material | elastomer |

Technical drawings



Standard

Fibre optic connector interface for type LC

IEC 61754-20

Scopes of application

Data centres, FTTH (Fiber to the Home), FITH (Fiber in the Home), repair work in the field

Note

Photographs are not to scale and do not represent detailed images of the respective products.

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