

38115837	<b>DATA SHEET</b>	
Valid from: 24.05.2024	<b>EPIC® DATA FFC-LC-PC-OM3/OM4-F*-20PCS-AS</b>	

## Description

- Hybrid Connector kit with mating face LC-Simplex for multimode-fibres 0,25mm/multimode-cores 0,9 mm or multimode cable 2,0/3.0 mm
- LC PC OM3/4
- 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

Type	Plug, field-attachable
Connection technology, plug	interface 1: LC-Simplex (LC-S) interface 2: mechanical splice, fibre cut diagonally
Fibre type	Multimode, OM3/4
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	Housing colour	Suitable for (F*)	PU
38115837	EPIC® DATA FFC-LC-PC-OM3/4-0.25/0.9-20PCS	PC	aqua	fibre 0,25 mm core 0,9 mm	20 pcs
38115838	EPIC® DATA FFC-LC-PC-OM3/4-2/3-20PCS	PC	aqua	cable 2,0 mm/3.0 mm	20 pcs

## Optical parameters

Insertion loss (max.)	0.4 dB
Return loss (min.)	35 dB

## Mechanical parameters

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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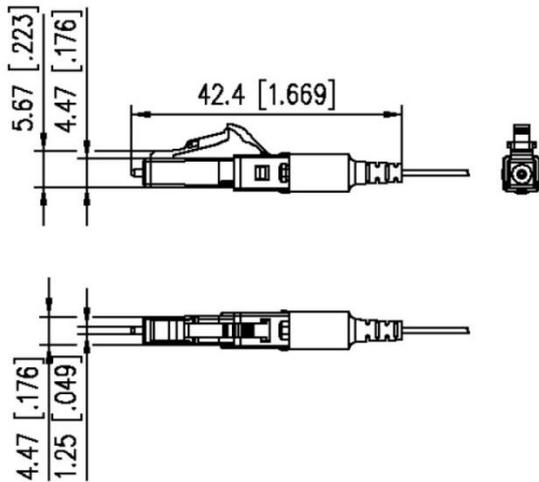
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### Materials and material properties

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

### Technical drawings

Dimensional drawing



### 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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