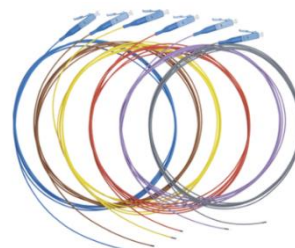


29330902	<b>DATA SHEET</b>
Valid from: 08.11.2018	<b>GOF SIMPLEX Pigtail LC E9 OS2, 2m</b>

## Description

- GOF Optical fiber Pigtail
- LC-Simplex-plug on open cable head



## General characteristics

Connection method, connector	LC-Simplex (LC-S)
Polishing	PC (physical contact)
Fiber type	Singlemode E9 OS2
Cable type	Pigtail
Number of fibers	12
Fiber color (acc. IEC 60304)	Red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink
Temperature range	-25 °C to +70 °C (-13 °F to 158 °F) (Operation) -25 °C to +70 °C (-13 °F to 158 °F) (Storage) -10 °C to +60 °C (-10 °F to 140 °F) (Installation)

## Additional note

Standard length 2m. Data sheet also valid for variant lengths.

## Optical properties

Insertion loss (max.)	0.25 dB / 0.5 dB (mean/97%)
Return loss (min.)	45 dB

## Mechanical properties

### ST-S-Plug

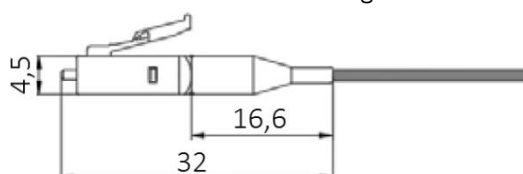
Housing, material	PEI, blue
Boot, material	TPE, blue
Ferrule, material	Zirconia
Ferrule-Ø	1.25 mm
Tensile strength	5 N
Mating cycles (min.)	1000

### Line

Outer coating, material	LSOH
Bending radius (min.)	50 mm (Installation) 25 mm (Operation)

## Technical drawing

Dimensional drawing



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### **Standards / Approvals**

Fibre optic connector interfaces – Type LC	IEC 61754-20
Optical fibres – part 2-50: category B singlemode fibres	IEC 60793-2-50
Standard colours for insulation for low-frequency cables and wires	IEC 60304

### **Application range**

Office, Data centers, Industry

### **Note**

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