

29125098	<b>DATA SHEET</b>
Valid from: 30.11.2018	<b>POF Connector ST (BFOC) Crimp 2.2 /50PC</b>

## Description

- POF optical fibre connector ST (BFOC)
- Suitable for polymer optical fibres
- Easy manufacturing by crimping



## General characteristics

Connector, type	ST (BFOC)
Suitable optical fibres (acc. IEC60793-2-40)	A4a & A4d (Polymer fibre, Ø1 mm)
Suitable cable-Ø	2.2 mm
Degree of protection	IP 20
Bend protection colour	Red (50%), black (50%)
Temperature range	-40 to +85 °C (-40 to +185 °F) (operation + storage)

## Variation

Article	Description	Package size [pcs]
29125098	POF Connector ST (BFOC) Crimp 2.2 /50PC	50
29125099	POF Connector ST (BFOC) Crimp 2.2 /4PC	4

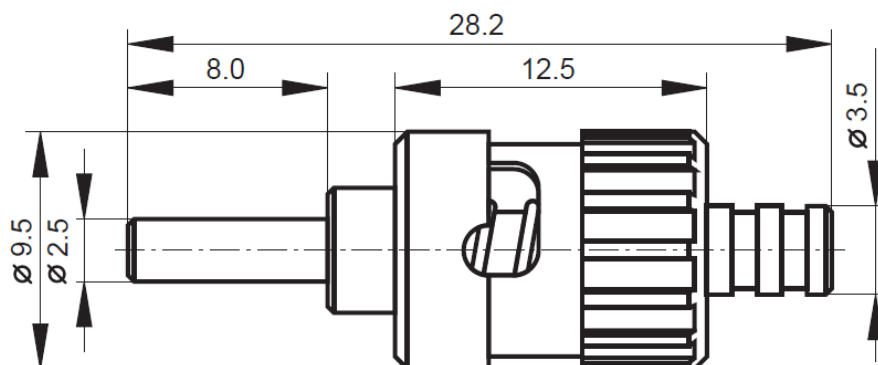
## Optical properties

Insertion loss (IL)	≤ 2.0 dB
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## Mechanical properties

Housing, material	Nickel silver
Ferrule, material	Nickel silver
Bend protection, material	TPE
Contact spring, material	Steel
Dust protection, material	HD-PE
Lock washer, material	Steel
Bayonet nut, material	PBT
Retention force of fibre (at room temperature)	40 N (fibre glued) 50 N (cable sheath crimped) 80 N (fibre glued and cable sheath crimped)

## Technical drawing



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### **Standards / Approvals**

Fibre optic connector interfaces – Type ST (BFOC) IEC 61754-2

### **Application range**

Optical networks, industry electronics, power electronics, consumer electronics

### **Note**

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