

29165797	DATA SHEET
Valid from: 18.06.2019	PCF CONNECTOR (*G) CLAMP (*D)

Description

- PCF optical fibre connector SC-RJ or SC-Duplex
- Suitable for polymer cladded optical glass fibres
- Easy manufacturing without crimping/glueing by resolvable clamping system



General characteristics

Connector, type	SC-clamping connector with corresponding handle part (SC-RJ or SC-Duplex)
Suitable optical fibres (acc. IEC60793-2-30)	A3c & A3d (polymer cladded fibre, Ø230 µm)
Degree of protection	IP 20
Temperature range	-40 to +85 °C (-40 to +185 °F) (operation + storage)

Variation

Article	Description	Handle part (*G)	For cable-Ø (*D) [mm]
29165797	PCF CONNECTOR SC-RJ CLAMP 2.2	SC-RJ (IEC 61754-24)	2,2
29166797	PCF CONNECTOR SC-RJ CLAMP 3.0	SC-RJ (IEC 61754-24)	3,0
29175797	PCF CONNECTOR SC DUPLEX CLAMP 2.2	SC-Duplex (IEC 61754-4)	2,2
29176797	PCF CONNECTOR SC DUPLEX CLAMP 3.0	SC-Duplex (IEC 61754-4)	3,0

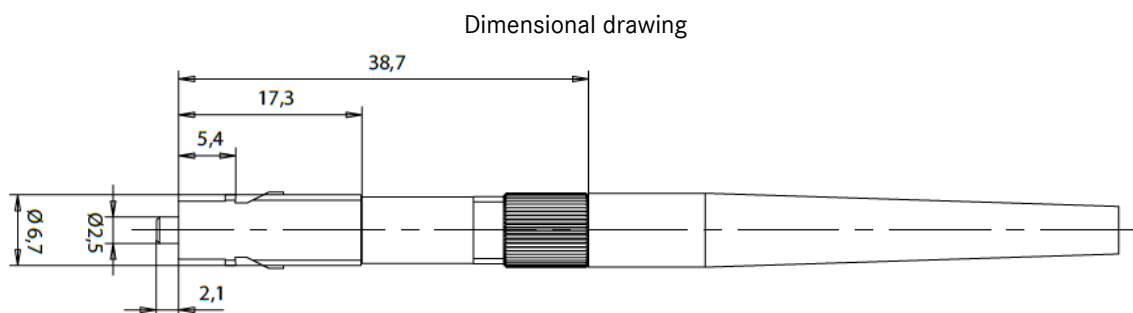
Optical properties

Typical insertion loss (IL)	≤ 0.5 dB (depending on fibre end face finish)
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Mechanical properties

Ferrule, material	Nickel silver
Housing, material	PA
Protecting against kinking, material	TPE
Retention force of cable sheath clamping	≥ 40 N
Tightening Torque	Hand tight

Technical drawing



SC-clamping connector without handle part

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Standards / Approvals

Fibre optic connector interfaces – Type SC-RJ	IEC 61754-24
Fibre optic connector interfaces – Type SC	IEC 61754-4

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.