

29141798	DATA SHEET
Valid from: 05.08.2021	PCF CONNECTOR HFBR4521 CLAMP 3.0 /50PC

Description

- PCF optical fibre connector HFBR
- Suitable for polymer cladde fibres
- Easy manufacturing by clamping



General characteristics

Connector, type	HFBR
Suitable optical fibres (acc. IEC60793-2-30)	A3c, A3d, A3e (polymer cladde fibre Ø200/230 µm)
Suitable cable-Ø	3.0 mm
Degree of protection	IP 20
Temperature range	-40 to +85 °C (-40 to +185 °F) (operation + storage)

Variation

Article	Description	Package size [pcs]
29141798	PCF Connector HFBR4521 Clamp 3.0 /50PC	50
29141799	PCF Connector HFBR4521 Clamp 3.0 /4PC	4

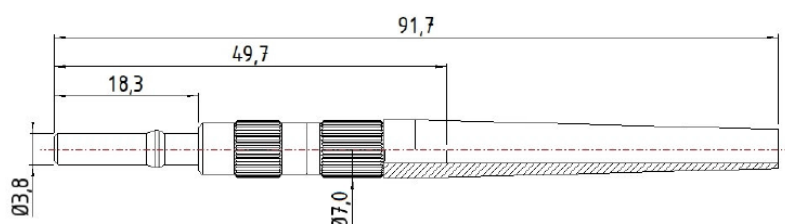
Optical properties

Insertion loss (IL)	≤ 1.25 dB
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Mechanical properties

Ferrule, material	Stainless steel
Lock nut, material	Stainless steel
Kevlar clamber, material	Stainless steel
Housing, material	Stainless steel
Bend protection, material	TPE
Dust protection, material	PVC
Retention force of fibre cable (after cable clamping)	≥ 80 N

Technical drawing



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.