

29140798	DATA SHEET
Valid from: 30.11.2018	PCF CONNECTOR HFBR4521 BK SIMPLEX 2.2/50PC

Description

- PCF optical fibre connector HFBR
- Suitable for polymer cladde fibres
- Compatible with Redlink/ HFBR Versatile Link
- Easy manufacturing by crimping



General characteristics

Connector, type	HFBR
Suitable optical fibres (acc. IEC60793-2-30)	A3c, A3d, A3e (polymer cladde fibre Ø200/230 µm)
Suitable cable-Ø	2.2 mm
Degree of protection	IP 20
Temperature range	-40 to +80 °C (-40 to +176 °F) (operation + storage)

Variation

Article	Description	Package size [pcs]
29140798	PCF connector HFBR4521 BK Simplex 2.2/50PC	50
29140799	PCF connector HFBR4521 BK Simplex 2.2/4PC	4

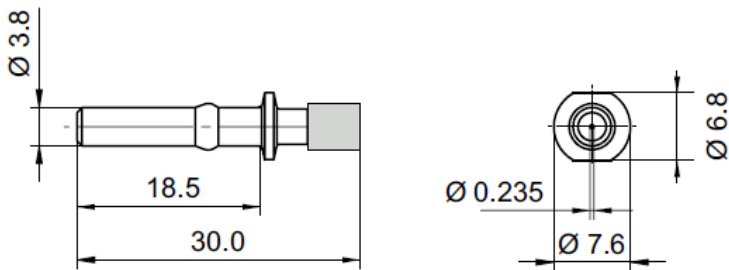
Optical properties

Insertion loss (IL)	≤ 2.0 dB (1 mm POF, polished end face, at +25 °C (+77 °F))
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Mechanical properties

Ferrule, material	Plastic
Crimping, material	Metal
Retention force of fibre optic cable	≥ 22 N
Insertion force in receptacle (TOTX /-RX module)	≥ 8 N (at +25 °C (+77 °F))
Withdrawing force in receptacle (TOTX /-RX module)	≥ 8 N (at +25 °C (+77 °F))

Technical drawing



Application range

Optical networks, industry electronics, power electronics

Note

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

AbN
automation