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 cladded 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 cladded 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**

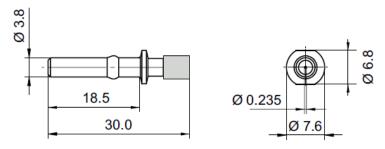
Insertion loss (IL)  $\leq$  2.0 dB (1 mm POF, polished end face, at +25 °C (+77 °F))

## Mechanical properties

Ferrule, material Plastic Crimpring, material Metal Retention force of fibre optic cable  $\geq 22 \text{ N}$ 

Insertion force in receptacle (TOTX /-RX module)  $\geq$  8 N (at +25 °C (+77 °F)) Withdrawing force in receptacle (TOTX /-RX module)  $\geq$  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.

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