

29500071	DATA SHEET
Valid from: 04.07.2019	POF OPTICAL TMR ADAPTER (*A), 650NM

Description

- Changeable Adapter for an optical level transmitter
- Suitable for optical tests of polymer optical fibre in combination with optical level transmitter (article 29500070)
- For connector types F-SMA, F-ST and HFBR available



General characteristics

Connection, to connector	F-SMA, F-ST or HFBR
Connection, to optical level transmitter	BNC (bayonet nut connector)
Temperature range	-40 °C to +85 °C (-40 °F to +185 °F) (operation) -40 °C to +100 °C (-40 °F to +212 °F) (storage)

Variation

Article	Description	Adapter (*A)	Dimensions [mm]
29500071	POF OPTICAL TMR ADAPTER HFBR, 650NM	HFBR (Versatile Link Standard)	Ø14.5 mm x 37.20 mm
29500072	POF OPTICAL TMR ADAPTER FSMA, 650NM	F-SMA (IEC 61754-22)	Ø14.5 mm x 37.80 mm
29500073	POF OPTICAL TMR ADAPTER ST(BFOC), 650NM	F-ST (IEC 61754-2)	Ø14.5 mm x 35.40 mm

Electrical properties

Transmitter, type	LED
Transmitter, wavelength /typ.)	650 nm
Forward voltage (typ., T _A =+25°C)	2.0 V @ 50 mA
Forward current	50 mA
Inverse voltage	3 V
Symbolrate (max.)	100 MBd
Optical output power (typ., @ 10 mA, +25°C)	-6.2 dBm (1mm POF, length 1m, NA 0.5)

Mechanical properties

Housing, material	metal
Connector HFBR, material	plastic
Connector F-ST & F-SMA, material	metal

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Characteristics curve

diagramm forward-current

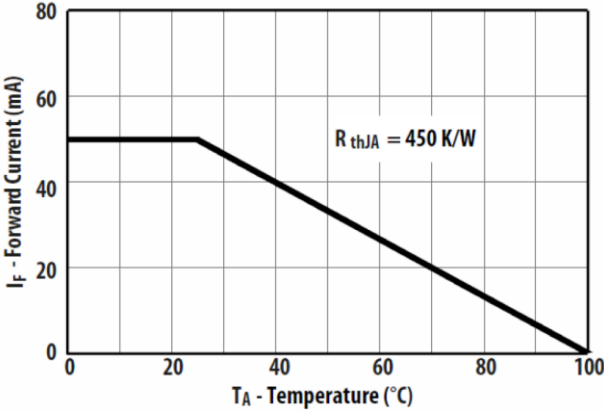
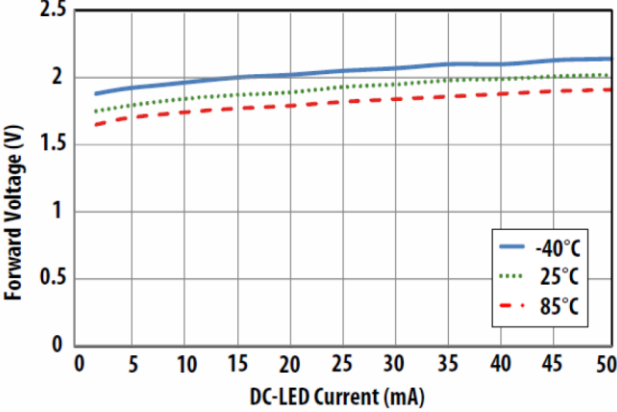


diagramm forward-voltage



Application range

Laboratory testing, receiver and attenuation testing, optical installation and quality control

Note

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