

29500078	<b>DATA SHEET</b>
Valid from: 04.07.2019	<b>POF OPTICAL TMR ADAPTER (*A),850NM</b>

## Description

- Changeable Adapter for optical level transmitter
- Suitable for optical tests of glass optical fibre and polymer cladded fibre with core-Ø > 50µm in combination with optical level transmitter (article 29500070)
- For connector types F-ST and HFBR available



## General characteristics

Connection, to connector	F-ST or HFBR
Connection, to optical level transmitter	BNC (bayonet nut connector)
Temperature range	-40 °C to +100 °C (-40 °F to +212 °F) (operation) -40 °C to +115 °C (-40 °F to +239 °F) (storage)

## Variation

Article	Description	Adapter (*A)	Dimensions [mm]
29500078	POF OPTICAL TMR ADAPTER HFBR,850NM	HFBR (Versatile Link Standard)	Ø14.5 mm x 35.50 mm
29500079	POF OPTICAL TMR ADAPTER ST(BFOC),850NM	F-ST (IEC 61754-2)	Ø14.5 mm x 37.20 mm

## Electrical properties

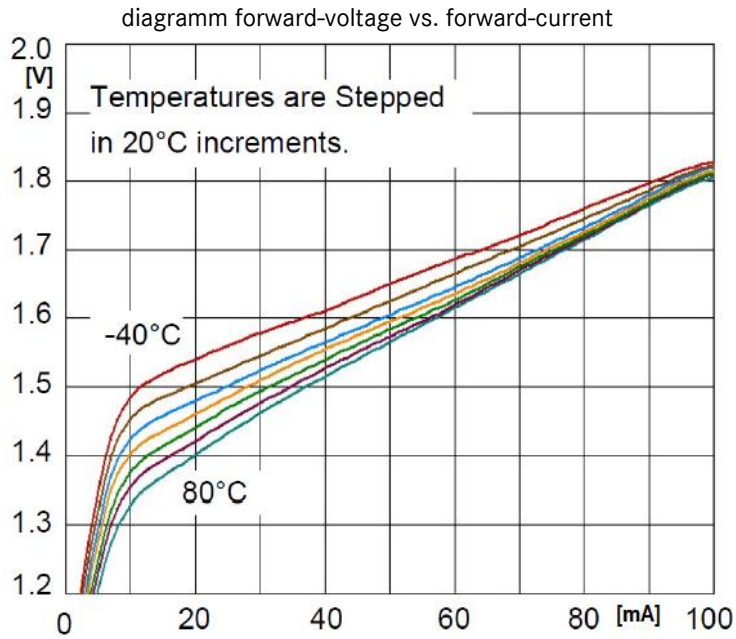
Transmitter, type	LED
Transmitter, wavelength (typ.)	850 nm
Forward voltage (typ., T <sub>A</sub> = +25 °C)	1.8 V @ 50 mA
Forward current	100 mA
Inverse voltage	1 V
Optical output power (typ., @ 100 mA)	29 µW (fibre 50/125µm, NA 0.2) 89 µW (fibre 62,5/125µm, NA 0.28) 200 µW (fibre 100/140µm, NA 0.29) 750 µW (fibre 200/230µm, NA 0.41)

## Mechanical properties

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

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**Characteristics curve**



**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.