

29500074	<b>DATA SHEET</b>
Valid from: 10.12.2019	<b>POF OPTICAL TMR ADAPTER (*A), 660NM</b>

## Description

- Changeable Adapter for 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, F-05, HFBR and SC-RJ available



## General characteristics

Connection, to connector	F-SMA, F-ST, F-05, HFBR or SC-RJ
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]
29500074	POF OPTICAL TMR ADAPTER F05, 660NM	F-05 (JIS)	Ø14.5 mm x 35.50 mm
29500075	POF OPTICAL TMR ADAPTER HFBR, 660NM	HFBR (Versatile Link Standard)	Ø14.5 mm x 37.20 mm
29500076	POF OPTICAL TMR ADAPTER FSMA, 660NM	F-SMA (IEC 61754-22)	Ø14.5 mm x 37.80 mm
29500077	POF OPTICAL TMR ADAPTER ST(BFOC), 660NM	F-ST (IEC 61754-2)	Ø14.5 mm x 35.40 mm
29500090	POF OPTICAL TMR ADAPTER SC-RJ, 660NM	SC-RJ (IEC 61754-24)	Ø14.5 mm x 32.45 mm

## Electrical properties

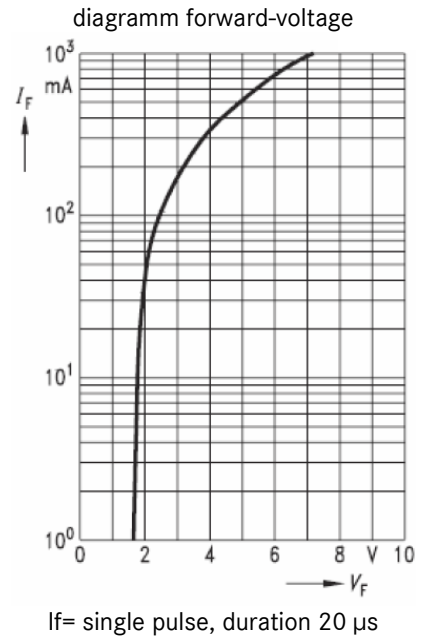
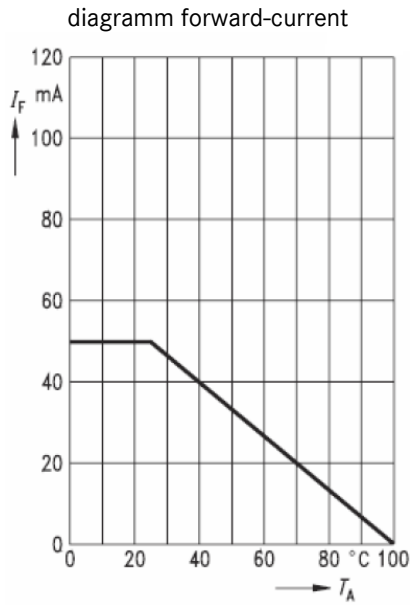
Transmitter, type	LED
Transmitter, wavelength (typ.)	660 nm
Forward voltage (typ., T <sub>A</sub> = +25°C)	2.1 V @ 50 mA
Forward current	50 mA
Inverse voltage	3 V
Symbolrate	10 MBd
Optical output power (typ., @ 10 mA, +25°C)	200 µW (1mm POF, length 0.3m)

## Mechanical properties

Housing, material	metal
Connector HFBR & F-05 & SC-RJ, material	plastic
Connector F-ST & F-SMA, 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.