

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

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

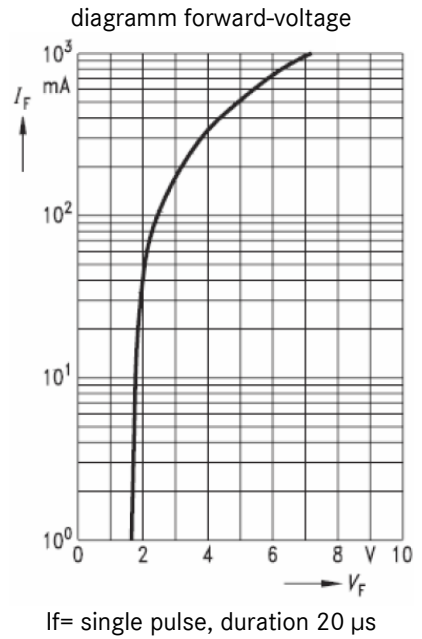
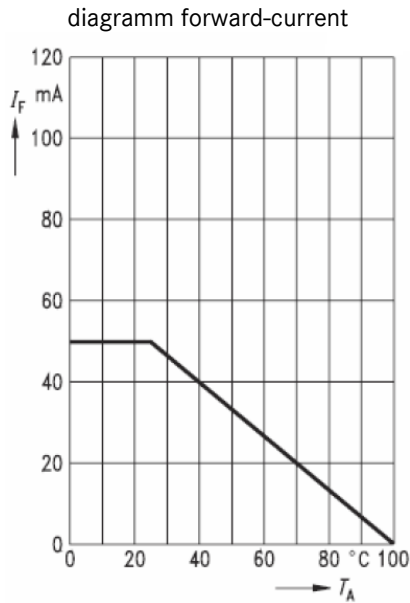
Transmitter, type	LED
Transmitter, wavelength (typ.)	660 nm
Forward voltage (typ., T _A = +25°C)	2.1 V @ 50 mA
Forward current	50 mA
Inverse voltage	3 V
Symbolrate	10 MBd
Optical output power (typ., @ 10 mA, +25°C)	200 µW (1mm POF, length 0.3m)

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.