

**IE-SFP-10GE-SM-40****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Features of SFP-Transceiver series**

- Huge variety of transceiver types for several transmission speeds (up to 10 Gigabit Ethernet) and distances (up to 60 km)
- BiDi SFP models for communication via single fiber
- Easy control of transceiver status due to support of Digital Diagnostic Monitoring (DDM)
- Hot pluggable (during operation)
- Class 1 laser product, EN60825-1 compliant

**General ordering data**

Version	SFP+ transceiver, 10 Gbps, Singlemode, LC-Duplex, 40 km, -40 °C...85 °C
Order No.	<a href="#">2779130000</a>
Type	IE-SFP-10GE-SM-40
GTIN (EAN)	4064675048497
Qty.	1 pc(s).

Creation date November 4, 2021 1:34:41 AM CET

Catalogue status 22.10.2021 / We reserve the right to make technical changes.

**IE-SFP-10GE-SM-40**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

Net weight	46 g
------------	------

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
---------------------	----------------	-----------------------	----------------

**EMC conformity and approvals**

EMC standards	EN 55032, EN 55024	Safety standard	UL 61010-1, UL 61010-2-201
---------------	--------------------	-----------------	----------------------------

**Environmental conditions**

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C

**Fibre optic transceiver characteristics**

Transmission rate	10 Gbps		
Digital diagnostic monitor function (DDM)	Supported		
Transceiver type	Singlemode		
Connector type	LC-Duplex		
Transmission distance, typ.	40 km		
Wavelength	typ.	1,550 nm	
	Wavelength	TX	
	min.	1,530 nm	
	max.	1,565 nm	
	Wavelength	RX	
	min.	1,250 nm	
Receive power	min.	-15.8 dBm	
	max.	-1 dBm	
Transmission power	min.	-4.7 dBm	
	max.	4 dBm	
Link-budget	11.1 dB		

Note When connecting a single-mode fiber transceiver over a short distance, we recommend using an attenuator to prevent the transceiver from being damaged by excessive optical power.

**Guarantee**

Time interval	3 years
---------------	---------

**Power supply**

Voltage supply	3.3 V (via Ethernet switch)
----------------	-----------------------------

**Technical data**

Type of mounting	Insert in SFP slot
------------------	--------------------

**IE-SFP-10GE-SM-40**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Classifications**

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ECLASS 9.0	27-44-03-92	ECLASS 9.1	27-44-02-92
ECLASS 10.0	27-44-03-92	ECLASS 11.0	27-44-03-92

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E230683

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a> <a href="#">RCM Declaration of Conformity</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>