Data sheet

IE-SFP-10GE-SM-20

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

www.weidmueller.com



RoHS COMPLIANT

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
- Applicable for switches of the Eco-, Advanced- and SubstationLine

General ordering data

Version	SFP+ transceiver, 10 Gbps, Singlemode, LC-Duplex, 20 km, -40 °C...85 °C
Order No.	2779120000
Type	IE-SFP-10GE-SM-20
GTIN (EAN)	4064675048480
Qty.	1 items

IE-SFP-10GE-SM-20

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

www.weidmueller.com

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E230683

Dimensions and weights

Net weight	17.5 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

EMC conformity and approvals

EMC standards	EN 55032, EN 55035	Safety standard	UL 62368-1

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.	20 km	
Wavelength	typ.	1310 nm
	Wavelength	TX
	min.	1260 nm
	max.	1355 nm
	Wavelength	RX
	min.	1260 nm
	max.	1600 nm
Receive power	min.	-15 dBm
	max.	0.5 dBm
Transmission power	min.	-4 dBm
	max.	0.5 dBm
Link-budget	11 dB	

Guarantee

Time interval	3 years

IE-SFP-10GE-SM-20

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

www.weidmueller.com

Technical data

Power supply

Supply voltage	3.3 V (via Ethernet switch)

Technical data

Type of mounting	Insert in SFP slot

Classifications

ETIM 8.0	EC003628	ETIM 9.0	EC003628
ETIM 10.0	EC003628	ECLASS 14.0	19-17-03-03
ECLASS 15.0	19-17-03-03		