

Data sheet

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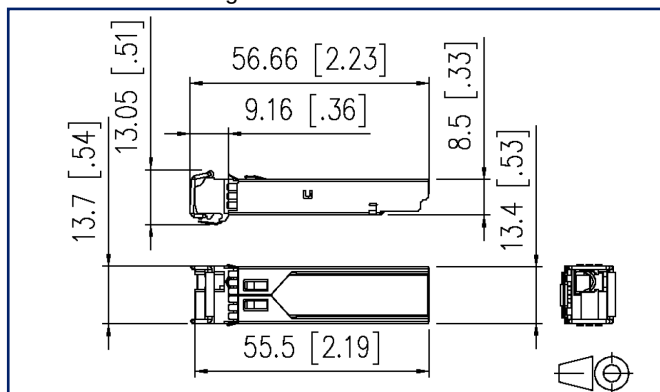
W-DAT Line SFP transceiver 1.25 G LC-S Singlemode 20 km 1 pair

P/N
13005TGLCS-E
EAN 4251394645339
2026/09/28
Version: F

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- data rate up to 1.25 GBit/s
- Hot-Pluggable
- for single LC connector system (LC-S)
- range up to 20 km with singlemode fiber
- voltage supply with 3.3 V
- power consumption max. 1 W
- set consisting of:
 - 1 x FB3512-20 (1310nm FP laser transmitter, 1550nm PIN photo detector)
 - 1 x FB5312-20 (1550nm DFB laser transmitter, 1310nm PIN photo detector)



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Technical Data

General Data

Type of transceiver	SFP
Cable Type	Fiber optic
Hot-Puggable	yes
Dimensions	
Dimension (W x H x D)	13.7 mm x 13.05 mm x 56.66 mm
Dimension (W x H x D)	0.539 in. x 0.514 in. x 2.231 in.

Transmission characteristics

Applicable for single mode	yes
Wavelength TX	1310 nm
Wavelength RX	1550 nm
Transformer	FP Laser
Receiver	PIN photo detector
Transmission method	BiDi
Active	yes
Gigabit Ethernet	yes
Range 1000BASE LX	20 km
Metro/Access Networks	yes
Fiber Channel	yes
Link budget	14 dB

Connections/interfaces

Type of connector	LC/PC
Connector type	simplex

Electrical characteristics

Supply voltage	3.3 V
Power consumption (max.)	1 W



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Materials and material properties	
Halogen free	yes
Classifications	
ETIM 8.0	EC003628
ETIM 9.0	EC003628
ETIM 10.0	EC003628
General information	
Service	Service requests are answered from Monday to Friday during regular business hours. Service W-DAT Line Phone +49 7702 533-159 servicewdat@metz-connect.com

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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Accessories from

P/N	Designation
13005SG4P1E1S-E	W-DAT Line EPOS G-4P1E1S, 4 x PoE, 1 x Uplink RJ45, 1 x Uplink SFP
13005SG8P2S-E	W-DAT Line EPOS G-8P2S, 8 x PoE, 2 x Uplink SFP

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