



# LevelOne 155Mbps Single-mode SFP Transceiver, 40km, 1310nm

Brand : LevelOne

Product code: SFP-1411

Product name : 155Mbps Single-mode SFP Transceiver, 40km, 1310nm



155 Mbps, SMF, SFP, 40 km, 1310nm

## LevelOne 155Mbps Single-mode SFP Transceiver, 40km, 1310nm:

LevelOne SFP-1411 is a high performance and costeffective single-mode SFP transceiver. Intended for use with 100BASE-FX, it provides up to 155 Mbps bi-directional data transfer rate on a single duplex fiber core. For use with 9-micron fiber cables, it has increased transmission power to reach a distance of up to 40km.



The SFP-1411 transceiver operates using a wavelength of 1310nm with a FP-Laser Diode light source and has a LC connector.

- 1310nm FP LD
- Data Rate: 155Mbps, NRZ
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA) small Form Factor Pluggable (SFP)
- Duplex LC Connector
- Compliance with 100Base-FX of IEEE802.3u Standard
- Compliance with FDDI PMD Standard
- Compliance with ATM Standard
- Eye Safety Designed to meet LASER Class 1 comply with EN60825-1



Performance		Power	
SFP transceiver type *	Fiber optic	Maximum voltage	6 V
Maximum data transfer rate *	155 Mbit/s	Maximum current	0.3 A
Interface type *	SFP	Operational conditions	
Single-mode fiber (SMF) supported	✓	Operating temperature (T-T)	0 - 70 °C
Fiber optic connector	LC	Storage temperature (T-T)	-40 - 85 °C
Fiber cable diameters supported (core/cladding)	9/125 µm	Operating relative humidity (H-H)	5 - 95%
Maximum transfer distance	20000 m	Weight & dimensions	
Wavelength	1310 nm	Width	13.7 mm
Tx power (min)	-15 dBmW	Depth	56.5 mm
Tx power (max)	-8 dBmW	Height	8.95 mm
Link budget	17 dB	Weight	20 g
Networking standards	IEEE 802.3u	Packaging data	
Duplex system	Full	Number of products included	1 pc(s)
Fiber ports quantity	1	Package width	75 mm
Features		Package depth	130 mm
Hot-swap	✓	Package height	50 mm
Safety	EN 60825-1	Package weight	60 g
Country of origin	China	Technical details	
Certification	CE, FCC	Sustainability certificates	RoHS
Power		Compliance certificates	RoHS
Input voltage	3.3 V	Logistics data	
		Harmonized System (HS) code	85369010



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