



LevelOne 1.25Gbps Single-mode SFP Transceiver, 20km, 1310nm

Brand : LevelOne

Product code: SFP-3211

Product name : 1.25Gbps Single-mode SFP Transceiver, 20km, 1310nm



1.25 Gbps, SFP, LC, 1310nm, 10 km

LevelOne 1.25Gbps Single-mode SFP Transceiver, 20km, 1310nm:

LevelOne SFP-3211 is a high performance and cost-effective single-mode SFP transceiver. Intended for use with Gigabit Ethernet, it provides up to 1.25 Gbps bidirectional data transfer rate on a single duplex fiber core. For use with 9 micron fiber cables, it can reach a distance of up to 10km. The SFP-3211 transceiver operates using a wavelength of 1310nm with a FP Laser Diode light source and has a LC connector.



- 1310nm FPLD
- Data Rate: 1.25Gbps, NRZ
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/DC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA)
- Duplex LC Connector
- Compliance with specifications for IEEE-802.3z Gigabit Ethernet at 1.25Gbps
- Compliance with ANSI specifications for Fiber Channel applications at 1.06Gbps
- No configuration or installation software required
- 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 *	1250 Mbit/s	Maximum current	0.3 A
Interface type *	SFP	Power over Ethernet (PoE)	✓
Single-mode fiber (SMF) supported	✓	Operational conditions	
Fiber optic connector	LC	Operating temperature (T-T)	0 - 70 °C
Fiber cable diameters supported (core/cladding)	9/125 µm	Storage temperature (T-T)	-40 - 85 °C
Maximum transfer distance	10000 m	Operating relative humidity (H-H)	5 - 95%
Wavelength	1310 nm	Weight & dimensions	
Tx power (min)	-9.5 dBmW	Width	57 mm
Tx power (max)	-3 dBmW	Depth	12 mm
Networking standards	IEEE 802.3z	Height	13.7 mm
Duplex system	Full	Weight	20 g
Fiber ports quantity	1	Packaging data	
Features		Package width	106 mm
Plug and Play	✓	Package depth	20 mm
Hot-swap	✓	Package height	65 mm
Safety	EN 60825-1	Package weight	35 g
Certification	CE, FCC	Technical details	
Power		Sustainability certificates	RoHS
Input voltage	3.3 V	Compliance certificates	RoHS
Logistics data			
		Harmonized System (HS) code	85369010



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