



LevelOne 1.25Gbps Multi-mode SFP Transceiver, 500m, 850nm

Brand : LevelOne

Product code: SFP-3001

Product name : 1.25Gbps Multi-mode SFP Transceiver, 500m, 850nm



1.25 Gbps, 850nm, SFP, LC, 550 m, 20 g

LevelOne 1.25Gbps Multi-mode SFP Transceiver, 500m, 850nm:

LevelOne SFP-3001 is a high performance and costeffective multi-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 50 and 62.5 micron fiber cables, it can reach a distance of up to 550 meters.



- 850nm VCSEL
- Data Rate: 1.25Gbps
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC 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 1.06bps
- 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	Input voltage	3.3 V
Maximum data transfer rate *	1250 Mbit/s	Maximum voltage	6 V
Interface type *	SFP	Maximum current	0.3 A
Single-mode fiber (SMF) supported	✗	Operational conditions	
Multi-mode fiber (MMF) 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)	50/125,62.5/125 µm	Operating relative humidity (H-H)	5 - 95%
Maximum transfer distance	550 m	Weight & dimensions	
Wavelength	850 nm	Width	57 mm
Tx power (min)	-9.5 dBmW	Depth	12 mm
Tx power (max)	-3 dBmW	Height	13.7 mm
Networking standards	IEEE 802.3z	Weight	20 g
Duplex system	Full	Packaging data	
Fiber ports quantity	1	Number of products included	1 pc(s)
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	
		Sustainability certificates	RoHS
		Compliance certificates	RoHS
		Logistics data	
		Harmonized System (HS) code	85369010



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