



## OPT-2200

10/100/1000 to 1000SX/LX (SFP) Converter

### Product Introduction & Benefits

The OPT-2200 media converter is specifically designed to offer fiber advantages for mission-critical networks like Telco/ISP backbones, cable operators, banking and enterprise networks. The OPT-2200 can reduce network downtime and increase Quality of Service levels. The converters are completely transparent when installed, so the network performs exactly the way it would do normally – only now, it can incorporate both copper and fiber mediums. This flexibility in cabling allows network managers to put fiber cables anywhere within a network without changing the arrangement of the copper-based Gigabit segments. Their compact size allows the converters to be wall-mounted to save space. Several converters can be simultaneously installed by using the OPT-R16-02 16-slot 19" rack-mountable chasses. The OPT-2200 takes advantage of intelligent connection technology to support Auto-negotiation, thereby eliminating the hassle of manually configuring or monitoring settings. This ensures plug-n-play operability.



### Main Features:

#### Standards:

- Complies with IEEE 10/100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standards

#### Interface:

- One 10/100/1000 Mbps Ethernet port
- Auto MDI/MDI-X support on RJ-45 port
- One SFP slot for Gigabit links
- Extends distances up to 220m for multi-mode SX (110km with long-haul single-mode) under full-duplex mode

#### Management:

- Link Fault Signaling
- Alarm LED illuminates to indicate link failure
- Status LEDs for easy monitoring of device's status

#### Mechanical & Environmental:

- External power supply
- Chassis-compliant (internal power supply)
- FCC Class A & CE approved





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## Specifications:

<b>Standards:</b>	IEEE 802.3 10Base-T	<b>MDI/MDI-X</b>	Auto Selection
	IEEE 802.3u 100Base-TX	<b>Power:</b>	Power Input: 5V DC, external power supply adapter
	IEEE 802.3ab 1000Base-T		
	IEEE 802.3z 1000Base-SX/LX	<b>Temperature:</b>	Operating: 0°C to 70°C Storage: -20°C to 80°C
<b>Connector:</b>	1 x RJ-45	<b>Humidity:</b>	Operating: 10% to 80% RH Storage: 5% to 90% RH
	1 x SFP		
<b>Max. Distance:</b>	UTP: 100 meters (Cat. 5/5e/6)	<b>Emissions:</b>	FCC Part 15 of Class A & CE approved
	Fiber: SFP; up to 110km (single-mode)	<b>Dimensions:</b>	105 x 81 x 26.2mm (D x W x H)
<b>Unit LED:</b>	PWR: Illuminated for normal operation	<b>Weight:</b>	0.7Kg
	ALM: Illuminated when failure occurs on fiber or copper link	<b>D</b>	
	LNK/ACT: Fiber link – Illuminated when receiving link pulses from compliant devices – Flashing when data packets are being transmitted / received		

## Ordering Information:

OPT-2200	10/100/1000Base-Tx to 1000Base-SX	multi mode 550m	SC
OPT-2200S10	10/100/1000Base-Tx to 1000Base-LX	Single mode 10Km	SC
OPT-2200S20	10/100/1000Base-Tx to 1000Base-LX	Single mode 20Km	SC
OPT-2200S80	10/100/1000Base-Tx to 1000Base-LX	Single mode 80Km	SC
OPT-2200A	10/100/1000Base-Tx to SFP Fiber port		

### WDM Media converter Converter

OPT-3200S10	10/100/1000Base-Tx to 1000Base-FX	BIDI 10Km	SC
OPT-3200S20	10/100/1000Base-Tx to 1000Base-FX	BIDI 20Km	SC
OPT-3200S60	10/100/1000Base-Tx to 1000Base-FX	BIDI 60Km	SC
OPT-3200S80	10/100/1000Base-Tx to 1000Base-FX	BIDI 80Km	



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