



OPT-1100

10/100Base-TX to 100Base-FX Mini Converter

Product Introduction & Benefits

The OPT-1100 series is among OPTONE's answers to expanding existing Fast Ethernet networks. The easy implementation and expansion of 100Base-TX/FX networks can be further assured with this converter.

The converter is completely transparent when connected so the network performs exactly the way it did before - only now, it allows the co-existence of both copper and fiber mediums. Added flexibility is available with ST, SC, and WDM Simplex SC connectors. Extra distances are possible with the single mode version delivering up to 80km connectivity per transmitted segment.

The OPT-1100 allows the installation of fiber cabling anywhere within a Fast Ethernet network topology by directly connecting to existing devices. Its compact modular design facilitates deployment in a narrow desktop location to save space.



Main Features:

- Complies with IEEE802.3 (10BASE-T), IEEE802.3u (100BASE-TX/FX)
- Extends distances ranging from 2km (multi-mode fiber) to 120km (single mode fiber)
- NWay Auto-negotiation support on RJ-45 port
- Auto-Negotiation of duplex(HDX/FDX) on RJ-45 port
- Auto MDI/MDI-X support on RJ-45 port
- Status LED's for TX,FX LINK/ACT, POWER,100M to easily monitor network status
- External power supply
- FCC Class A & CE approved





OPT-1100

10/100Base-TX to 10op11000Base-FX Mini Converter

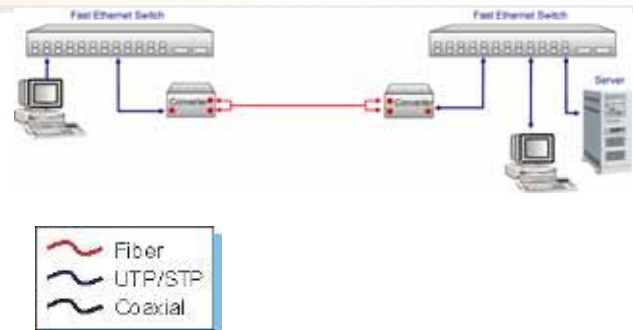
Specifications:

Standards:	IEEE 802.3 (10BASE-T) IEEE 802.3u (100BASE-TX/FX)
Connector:	1 x RJ-45 1 x Fiber (ST/SC)
Max. Distance:	UTP: 100 meters (Cat.3/4/5/6) Fiber: 2km (MM, 62.5/125 or 50/125 micron) 120km (SM) 60km (SM/SF)
MDI/MDI-X:	Auto Selection
Power:	Power output: 5V DC, external power supply adapter Frequency: 47Hz to 63Hz
Temperature:	Operating: 0°C to 70°C Storage: -20°C to 80°C
Humidity:	Operating: 10% to 90% RH Storage: 5% to 90% RH

Unit LED:	PWR: Illuminated for normal operation TX LNK/ACT: Green Illuminated indicates receiving link pulses from compliant copper device and flashes when data being sent / received FX LNK/ACT: Green Illuminated indicates receiving link pulses from compliant fiber device and flashes when data being sent / received 100: Illuminated when data packets are being transmitted at 100Mbps
Emissions:	FCC Part 15 of Class A & CE approved
Dimensions:	94 x 70x 26mm (D x W x H)
Weight:	0.6kg

Applications:

The following illustrates typical applications for the OPT-1100 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.





Ordering Information:

100M Double Fiber Media Converter

OPT-1100	10/100Base-Tx to 100Base-FX	Multi mode 2Km	sc/st	1-RJ45
OPT-1100S25	10/100Base-Tx to 100Base-FX	Single mode 25Km	SC	1-RJ45
OPT-1100S40	10/100Base-Tx to 100Base-FX	Single mode 40Km	SC	1-RJ45
OPT-1100S60	10/100Base-Tx to 100Base-FX	Single mode 60Km	SC	1-RJ45
OPT-1100S100	10/100Base-Tx to 100Base-FX	Single mode 100Km	SC	1-RJ45
OPT-1100S120	10/100Base-Tx to 100Base-FX	Single mode 120Km	SC	1-RJ45

100M WDM Media converter Converter

OPT-1200S25	10/100Base-Tx to 100Base-FX	Single mode 25Km	SC	
OPT-1200S40	10/100Base-Tx to 100Base-FX	Single mode 40Km	SC	
OPT-1200S60	10/100Base-Tx to 100Base-FX	Single mode 60Km	SC	
OPT-1200S80	10/100Base-Tx to 100Base-FX	Single mode 80Km	SC	

For more order models, please contact us.

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