

Applications

•Used to convert to and from fiber optic Ethernet communication to increase communication distances, to enable communication through high EMI environments or to match a network type to dissimilar active equipment.

•CATV, telecommunication, wireless and wired networking, FTTX, industrial control systems, and more.

Features and Benefits

- Several configurations available
- Short lead times on stocked items
- 100% tested and inspected products



Description

Wirewerks' media converters are available in versions that convert single mode or multimode fiber to copper Ethernet systems and that convert multimode fiber to single mode fiber optic Ethernet. These converters are supplied with external power supplies and comply with IEE802.3u requirements. The optical interface is an SC duplex type adapter and the copper

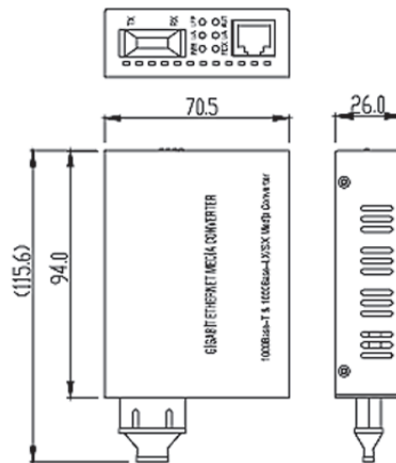
interface is RJ45 connectors. They provide 10/100Base TX, 100Base FX and 1000 Base T performance characteristics.

Ordering Information

Description	Part Number
Media Converter, 1000 Base SX/LX to 1000 Base T, SC-RJ45, Multimode, 850nm	WW-702
Media Converter, 1000 Base SX/LX to 1000 Base T, SC-RJ45, Singlemode, 1550nm	WW-702S
Media Converter, 100 Base FX to 10/100Base TX, SC-RJ45, Multimode, 850nm	WW-802
Media Converter, 100 Base FX to 10/100Base TX, SC-RJ45, Singlemode 15Km, 1310nm	WW-802S15
Media Converter, 100 Base FX to 10/100Base TX, SC-RJ45, Singlemode 35Km, 1310nm	WW-802S35
Media Converter, 100 Base FX to 10/100Base TX, SC-RJ45, Singlemode 50Km, 1310nm	WW-802S50
Media Converter, 100 Base FX, SC-SC, Multimode to Singlemode, 15Km, 850/1550nm	WW-722S15
Media Converter, 100 Base FX, SC-SC, Multimode to Singlemode, 35Km,850/1550nm	WW-722S35

Other configurations available on request, contact Wirewerks sales team.

Specifications



Item	Description
Standard	Complies with IEEE802.3u
Transmission distance	2Km (Multimode)
	15 Km, 35 Km and 50 Km (Singlemode)
Wavelength	Multimode 850nm (1300nm available)
	Singlemode 1310nm (1550nm available)
Optical Connector	SC Duplex
Copper Connector	RJ45
LED Indicators	Power, Channel Link/Activity
Operating Temperature	0° to +50° C
Storage Temperature	-40° to +70° C
Humidity	10% to 90% non condensing
Dimensions	see sketch
Power Adapter	Input 115VAC