

Gigabit Ethernet media converter



AN-UMG Gigabit Ethernet 1000Mbps Media Converter up to 110 km

The AN-UMG series comply with IEEE 802.3/ab Gigabit Ethernet standard. It supports two types of media for network connection such as 1000 Base-T to 1000 Base SX/LX and connects these two types of segments to operate smoothly. The AN-UMG series comply with IEEE 802.3/ab Gigabit Ethernet standard. It supports two types of media for network connection such as 1000 Base-T to 1000 Base SX/LX and connects these two types of segments to operate smoothly.

Converter fits in AD-net media converter chassis as plug in module and can be used in standalone applications as well.

AN-UMG series Fiber Media Converter transforms 1000Base-T (Copper Gigabit) media to 1000Base-SX/LX (Fiber Gigabit) media and vice versa. The 1000Base-T port supports full-duplex Gigabit connection at wire speed with RJ45 connector. The fiber Gigabit connection supports shortwave (SX) or longwave (LX) laser optic with multi-mode or single-mode SC type connector.

This converter will give your Copper Gigabit connection the ability to interface with fiber connection over a distance up to 110 km!

AN-UMG dual fiber optical fibre converter is manufactured to provide 1000Base speeds according to your existing 1000Base-TX network. This is also known as a Gigabit network. The converter takes a typical shielded RJ45 connector into a Fiber Optic SC connection to run the distance. You can then use another converter to return the signal into RJ45 to match with the network you are using.

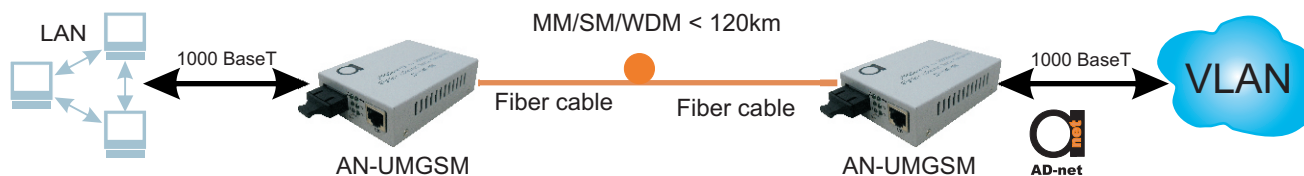
Features

- Compliant with IEEE 1000Base-T and 1000Base-LX
- One 1000Base-T RJ-45 port
- One 1000Base-LX/SX Port w/ SC/ST-Type Connector
- Status LED indicators for Power, Link/Activity, Full-Duplex, and Speed
- Wall-Mountable
- Optional 19" system chassis with redundant power supply (AN-CH05), holds up to 14 AN-UMG series Media Converters
- CE, FCC & RoHS compliant

Specifications

Standards:	IEEE802.3z/ab 1000Base-T 1000Base-SX/LX
LED Indicators:	FX LINK, FX FDX, TP LINK, TP FDX, ACT, POWER
Data rate:	2000Mbps full duplex
TP:	1000 FDX with NWAY auto-negotiation
Power supply:	100 to 240VAC 50 to 60Hz
Input power:	2A +5V
Dimensions:	70.5mm(L)X94mm(W)X26.5mm(H)
Environment:	Relative humidity: 5% to 90% Operating temperature: 0 to 60 Storage temperature: -20 to 70

Application



Ordering information

- **AN-UMG-MM** Gigabit Ethernet 1000Mbps Media Converter 2 km SC (Multimode)
- **AN-UMGSM-XX** Gigabit Ethernet 1000Mbps Media Converter XX=(10/20/40/60/80/100/110) km SC (Single Mode)