

# Autosensing 10/100/1000 to Fiber Converter



## ORDERING INFORMATION

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## SPOTLIGHT

**AN-UMGSM-AS** series media converters are special edition gigabit ethernet optical media converters, where **autosensing** feature - **10/100/1000 Mbit/s** is necessary

## DESCRIPTION

**AN-UMGSM-AS** series comply with IEEE 802.3/ab Gigabit Ethernet standard. It supports two types of media for network connection such as **10/100/1000 Base-T** to **1000 Base SX/LX**. Converter fits with 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 80 km!

10/100/1000 means **AN-UMGSM-AS** that media converter that converts the electrical signal of a 10/100/1000 Ethernet signal from copper to fiber. This solution will offer a low-cost integration option for network managers who want to migrate from 10/100 networks to Gigabit Ethernet (GE). Gigabit switches can now be connected to 10/100 networks without the need to upgrade the 10/100 side, which allow network managers to gradually add new equipment.

## FEATURE

- Compliant with IEEE 1000Base-T and 1000Base-LX
- One 10/100/1000Base-T RJ-45 port autosensing featured!
- One 1000Base-LX/SX Port w/ SC/ST-Type Connector
- Status LED indicators for Power, Link/Activity, Full-Duplex, and Speed
- Wall-Mountable, pluggable in universal chassis, or desktop
- Available in SingleFiber WDM versions - 1310/1550 nm wavelenghts used

## SPECIFICATION

**Standarts:** 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