

[AD-G802](#)
[AD-G802S](#)
[10/100/1000MBase-T to 1000Base-X media converter](#)

[Overview](#)

Gigabit fiber media converter is a 10/100/1000 auto negotiating media converter. The copper port auto negotiates the connected device's speed and duplex mode: 10/100/1000Mbps half duplex; or 10/100/1000 Mbps full duplex; the fiber port always operates at 1000Mbps. The maximum distance is Multi-mode 0.5 or 2km and single-mode 10/20/40/60km or 80km.

[Technical parameters:](#)

1. Standard Protocol:
 - IEEE802.3 10 Base-T standards
 - IEEE 802.3u 100Base-TX/FX standard
 - IEEE 802.3z 1000Base-TX/FX standard
2. Connector: one UTP RJ-45connector, one SC/STconnector
3. Operation mode: full duplex mode or half duplex mode
4. Environmental temperature: 0 -60
5. Relative humidity: 5%-90%
6. TP cable: Cat5 UTP cable
7. Transfer fiber:
 - Multi-mode:** 50/125, 62.5/125 or 100/140µm
 - Single mode:** 8.3/125, 8.7/125, 9/125 or 10/125µm
8. Max. 2M buffer memory built in chip
9. Automatic identification of MDI/MDI-X cross line
10. High-performance 1.4Gbps memory bandwidth.

[Warranty: 2 Years](#)
ORDERING INFORMATION

Part No.	Fiber mode	Wavelength	Distance
AD-G802	10/100/100M external media converter MM 850nm 550m (SC)	850nm	550m
AD-G802S	10/100/1000M external media converter SM 10km (SC)	1310nm	10Km