

Ethernet Media Converter

Features 10/100/1000MbpsSFP

1. Accord to IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-SX/LX
2. MDI/MDI-X auto negotiation, 10M/100M/1000M auto negotiation
3. Supports full /half duplex, Point-to-point transparent transfer and support 1 Megabit buffer
4. With one SFP slot
5. Plug-and-play, easy to installation
6. Can insert to 2U 19", 14 slots Rackmount(power external)
7. Supports N-way Auto Negotiation
8. Supports for end fault function (optional)



BELLCOMMS, 10/100/1000Mbps adaptive Gigabit Ethernet fiber converter uses the switching technology to conduct media conversion, which meets the standards of IEEE802.3, IEEE802.3u, IEEE802.3z and IEEE802.3ab. This kind of media converter supports two types of media network connections: 10Base-T/100Base-TX/1000Base-T and 1000Base-SX/LX. BELLCOMMS can conduct mutual conversion between 10Base-T/100Base-TX/1000Base-T twisted pair electrical signals and 1000Base-SX/LX optical signals. This media converter extends the transmission distance of a network from 100m over copper wires to 120 Km. This media converter supports transmission in dual-fiber multi-mode, dual-fiber single-mode, SFP style fiber-optic connections.required!

Specifications

Standards : comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE 802.3ab 1000Base-TX, IEEE802.3z 1000Base-SX/LX standards

RJ45 port rate : 10/100/1000Mbps auto negotiation

Optic port rate : 1000Mbps

Transfer distance : RJ45port : 100m

Fiber optic : 20,40,60,80,120km(SM), 220m,550m(MM) optional

RJ45 port cable : UTP 5E

Fiber connector : LC,SC(for single-mode, single fiber)

Fiber optic cables : Single Mode:8.3/125,8.7/125,9/125 or 10/125 um

Muti-Mode : 62.5/125, 50/125 um

Wavelength : 850nm,1310nm,1550nm

Power supply : External(5VDC), optional

Consumption : 4W

■Environment

Operating temp : -10°C to 65°C

Storage temperature : -20 to 70°C

Operating humidity : 5% to 95%(no condensation)

■Appearance

Dimensions : 94.0x71.0x26.0mm (Power External)

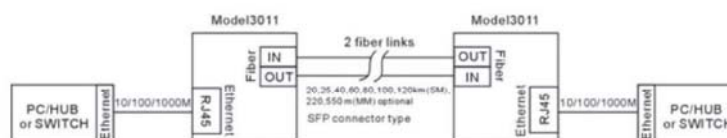
Shell : Iron

Color : White

Weight : 230g(power external)

Installation : support DIN-Rail installation

Approvals : FCC,CE, RoHS approvals



Extending 10/100/1000M Ethernet data distance

Ordering Information

CSM-LC0202-AGW 10/100/1000Base-Tx(RJ45) to 1000Base-SX/LX(LC) mini-GBIC port Media Converter

Module SFP:

CTM-LC0500-MM	Mini Module SFP 850nm/MultiMode	1000Base-SX(LC) Length 550meters.
CTM-LC02KM-MM	Mini Module SFP 1310nm/MultiMode	1000Base-SX(LC) Length 2Km.
CTS-LC0010-SM	Mini Module SFP 1310nm/SingleMode	1000Base-LX(LC) Length 10km.