SHOGUN
Technology Solution

SG-671
Mini Gigabit Media Converter

RoHS CE FC

Overview

The converter is completely transparent when connected, meaning that network performance remains unchanged, except that with the SG-671 connected the network can now combine copper and fiber cabling. Added flexibility is available with a SFP connector. Extra distances are possible with the single mode version delivering up to 80km connectivity per transmitted segment (depends on SFP module). The SG-671 allows the installation fiber cabling anywhere within a Fast Ethernet network topology by directly connecting to existing devices. Its compact modular design facilitates deployment in a narrow desktop location to save space.

Features

- IEEE 802.3, IEEE802.3u, IEEE802.3x standard
- Automatic MDI/MDI-X
- Auto-negotiation, NWay support on RJ-45
- LEDs for at-a-glance device status
- Small form-factor

Specification

Interface

Ports	1 x 100/1000BASE-T (RJ45) 1 x 100/1000BASE-X (SFP)

Standards

IEEE 802.3u	100BASE-TX
IEEE 802.3ab	1000BASE-T
IEEE 802.3z	1000BASE-X

Maximum Distances

RJ45	100 meters
SFP	Fiber Optic Up to 80km based on SFP types

LEDs

PWR	Normal power (Green)
LNK/ACT	Illuminated(LNK): Ethernet link-up (Green) Blinking(ACT): When receiving/transmitting packets (Green)
1000	When both sides (copper and fiber) link at 1000Mbps (Green)
100	When both sides (copper and fiber) link at 100Mbps (Green)

Power

Input Voltage	12V DC
Current	0.13A @ 12VDC
Power Consumption	1.6W
Connector Type	DC Jack

Mechanical & Environmental

Housing	Metal Case
Operating temperature	0ºC~50ºC (32ºF~122ºF)
Storage temperature	-25ºC~70ºC (-13ºF~158ºF)
Operating humidity	10% to 80% RH
Storage humidity	5% to 90% RH
Weight	180 g (0.4 lb)
Dimension (WxHxD)	86.2 x 23.4 x 59.4 mm (3.4 x 0.92 2.34 in)

Safety & Emissions

EMC	FCC Part 15 of Class A & CE Approved

Dimensions