



Gigabit Ethernet media converter

ST-2503-FA

Over View

The ST-2503-FA series comply with IEEE 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 Spiktel media converter chassis as plug in module and can be used in standalone applications as well

2503-FA 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!

2503-FA 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

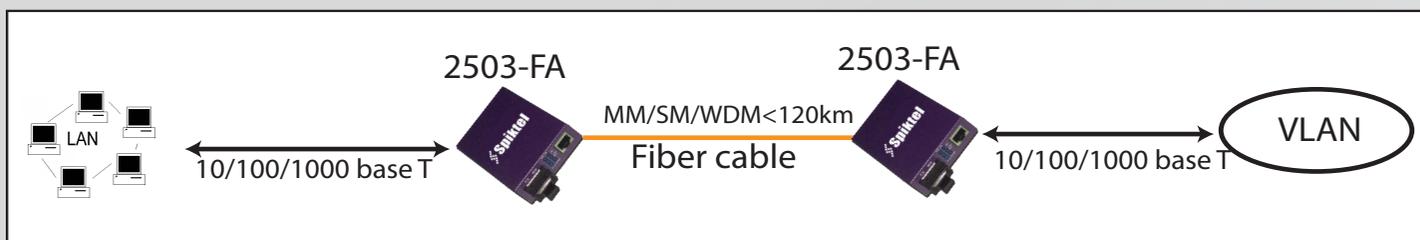
- * Compliant with IEEE 1000Base-T and 1000Base-LX
- * One 1000Base-T RJ-45 port
- * One 1000Base-LX/SX Port w/ SC/ST-Type Connector
- * Status LED indicators for Power, Link/Activity, Full-Duplex, and Speed
- * Wall-Mountable
- * Optional 19" system chassis with redundant power supply (CH05), holds up to 14 2503 series Media Converters
- * CE, FCC & RoHs compliant

MEDIA CONVERTER

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

Applications :



Ordering Informations ST-2503-FA

1	Gigabit Ethernet 1000Mbps Media Converter 2 km (1310 nm) SC (Multimode)
2	Gigabit Ethernet 1000Mbps Media Converter 10km SC (Single Mode)
3	Gigabit Ethernet 1000Mbps Media Converter 20km SC (Single Mode)
4	Gigabit Ethernet 1000Mbps Media Converter 40km SC (Single Mode)
5	Gigabit Ethernet 1000Mbps Media Converter 60km SC (Single Mode)
6	Gigabit Ethernet 1000Mbps Media Converter 80km SC (Single Mode)
7	Gigabit Ethernet 1000Mbps Media Converter 500 m (850nm) SC (Multimode)
ST/FC	ST SC and AC/DC power options are available



* Products design in UK.
www.spiktel.co.uk

* Specs and Pictures of the product can be revised according to R&D
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