TT100-TF100SC

100Base TX to 100Base Fibre Optic Converter SC

INTRODUCTION

TT100-TF100SC is a Fast Ethernet 100Base-TX to Fiber 100 Base-FX converter. It features one fiber port with SC, ST,MT-RJ or VF-45 connector and one twisted pair port with RJ-45 connector. It converts electrical signal from 100Base-TX side into optical signal at 100Base-FX side and vice versa. The TT100-TF100SC series converter can be used as a standalone unit or as a slide-in module to the 19" converter rack (up to 10 units) for use at a central wiring closet.

PRODUCT SPECIFICATION

Standard	IEEE802.3u Fast Ethernet 100Base-TX and 100Base-FX standards
Connectors	TT100-TF100XX RJ-45 and ST/SC/VF45/MTRJ connector (Multi-mode)
Data transfer rate	100Mbps
Duplex Mode	Full-or Half-duplex mode
LED	Pwr, Fdx, FX Link, FX Act, TX Link, TXAct
Power requirement	1A+5V
Dimension (mm)	26mm(H) x 71mm(W) x 97mm (D)
Ambient Temperature	5 C ~ 50 C
Humidity	5%C~90%C
Cable	UTP : Cat. 5 UTP cable Fiber : 50/125, 62.5/125, 100/140m multi-mode 8.3/125, 8.7/125, 9/125, 10/125m single-mode
UTP Cable limitations	Half Duplex : 1m (up to 100m, subject to fiber length) Fiber : 50/125, 62.5/125, 100/140m multi-mode
FIber Cable limitations	100Base-TX/FX(multi-mode) network allows 512-bit time delay between any two nodes in a collison domain.
Connecting to (Full/Half-duplex) Cable Limitations	Full-duplex (multi-mode) Node to Hub : 2Km Hub to Hub : 2Km Full-duplex (single-mode) Node to Hub : 20Km Hub to Hub : 20Km Half-duplex (multi-mode) Node to Hub : 412m Hub to Hub : 412m

Dynamode