Winlink

WT100 series -- Copper to Fiber Fast Ethernet Converter

Copper to Fiber Fast Ethernet Converter

IEEE 802.3/802.3x/802.3u TX/FX Compliant

WT100 designed for connecting existent 10Mbps or 100Mbps network, the ideal converter which provides the most up-to-date solution for extending and converting transmissions between 100Base-FX fiber and 10/100Base RJ-45. It takes no time for the network manager to inspect the port status from the LED on the front panel.

It equipped with a FX fiber port is capable of supporting SC multi-mode connector and distance requirements longer than 2km/ 30km/ 60km.

Features:

- Store-and-forward
- Support full and half duplex operations on both ports
- Providing LED per port for port status
- Auto MDI/MDIX and speed (10/100Mbps) on TP port
- One DIP-Switch can setup
  - ♦ TP port: Auto sense 10/100Mbps and Half/Full duplex mode, or force to 10Mbps mode.
  - ♦ Fiber port: Force to Half or Full duplex mode.
- Device default setting: TP on 10/100Mbps auto sense, Fiber optic on Full-Duplex mode

Specification

Standards	IEEE802.3, IEEE802.3x and IEEE802.3u TX/FX
Interface media	STP RJ45 and Fiber port (ST or SC Multi-mode, SC Single-mode, SC CWDM, Duplex LC M/M or S/M, Simplex BiDi WDM SC M/M or S/M, FC, MTRJ)
Transmission	10/100Mbps is TP, Fiber is 100Mbps
TP port	RJ-45, auto MDI/MDIX, 10/100Mbps, Half/Full duplex
Fiber port	100Mbps Fiber optic, Half/Full duplex
Buffer memory	128Kb Data Buffers
Operating temperature	0~55℃
Power input	External adapter, based on country area, DC12V/1A
LED	Power, Link/Activity, Status (Full/Half Duplex)
Power Adapter Approval	FCC, CE, VCCI, UL/CUL, CSA
Operating humidity	10%~90% (non-condensing)
Dimensions (WxDxH)	(77 x 96 x 26 mm)

Ordering Information:

WT100ST: M/M ST Fiber 2km/1310nm
WT100SC: M/M SC Fiber 2km/1310nm
WT100-30K: S/M SC Fiber 30km/1310nm
WT100-60K: S/M SC Fiber 60km/1310nm
WT100-100K: S/M SC Fiber 100km/1550nm
WT100-120K: S/M SC Fiber 120km/1550nm

Other Fiber Connector

- ♦ Duplex connector LC-Type 2km, 15km, 30km, 60km, 100km, 120km (1310 or 1550nm)
- ♦ Simplex connector BiDi WDM SC-Type 2km, 5km, 15km, 25km, 40km, 60km (TX1310/RX1550 and TX1550/RX1310)