

Fiber Converter

Model: TWAX-205A

Media Converter



Function

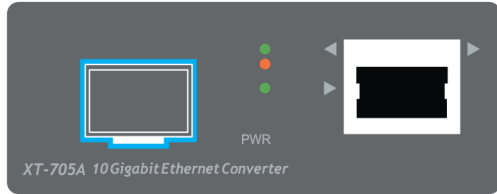
Hardware Specification

Cooper Interface	10/100/1000Base-T to 1000Base- LX Gigabit Converter (Single Mode)
Fiber Optic Interface	1 x 10GBASE-X R SFP+ interface.
LED	System: PWR (Green) 10G/5G/2.5G/1G/100 BASE-T RJ45 Interfaces: 1G/10G LNK (Orange) 5G/2.5G/100M LNK (Green)
Switch Processing Scheme	Store and Forward
ESD Protection	6KV DC
Enclosure	Compact-sized metal case
Installation	Desktop, wall mountable Media convert Chassis installation Optional DIN-rail kit
Dimensions(WxDxH)	94 x 70 x 26mm

Weight	180g (device only)
Power Requirements	5V DC, 2A max.
Power Consumption	3.75 watts / 12.8 BTU per hour max.
Flow Control	Back pressure for half duplex IEEE 802.3x pause frame for full duplex
Throughput (packet per second)	2.48Mpps@64bytes
Address Table	9K entries, automatic source address learning
Jumbo Frame	16K
Network Cables	10G/5G/2.5G/1G/100M BASE-T: 10G--Cat 6A/Cat 7 5G--Cat 6/Cat 6A/Cat 7 1G/2.5G--Cat 5e/Cat 6/Cat 6A/ Cat 7 100M-- Cat 5/Cat 5e/Cat 6/Cat 6A/ Cat 7 Cat 5/5e/6/6A/7 UTP cable (100 meters, max.) EIA/TIA-568 100-ohm STP (100 meters, max.) 10GBASE-LR/SR/BX : 50/125µm or 62.5/125µm multi-mode fiber optic cable, up to 300m 9/125µm single-mode fiber optic cable, up to 60km
Regulatory Compliance	FCC Part 15 Class A, CE
Operating Environment	0~50 degrees C
Storage Environment	-10 ~ 70 degrees C
Operating Humidity	5 ~ 95%, relative humidity (non-condensing)
Storage Humidity	5 ~ 95%, relative humidity (non-condensing)
Standards Compliance	IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3bz 2.5G/5GBASE-T IEEE 802.3an 10GBASE-T IEEE 802.3ae 10Gbps Ethernet IEEE 802.3x full-duplex flow control

Converter Front Panel and LED Indicators

Figure 2-2 shows the front panels of the Media Converter.



System

LED	Color	Function
PWR	Green	Lit: Power is active
		Off: Power is inactive

Per 10G/5G/2.5G/1G/100BASE-T Port

	Color	Function
10/2.5/1G	Green	Lit: To indicate that the port is operating at 2.5Gbps.
	Orange	Lit: To indicate that the port is operating at 10/1Gbps
5G/100M	Green	Off: To indicate that the port is operating at 5Gbps/100Mbps.