


Products

- LAN Switches
- Power over Ethernet
- Industrial Ethernet
- Media Conversion
 - Web Smart / Smart Gigabit Media Converter
 - Web Smart / Smart Fast Ethernet Media Converter
 - Standard Gigabit Media Converter
 - Standard Fast Ethernet Media Converter
 - Ethernet Extender
 - Serial over Ethernet Converter
 - Unmanaged Media Converter Chassis
 - Managed Media Converter Chassis
 - Video Optical Transmission
- Passive Optical Network
- Wireless LAN
- IP Surveillance
- IP Telephony
- Broadband Communication
- Home Automation
- Network Security
- Network Peripheral

Partner Login

User Name:

Password:

 Print Version



FST-80x Series

10/100BASE-TX to 100BASE-FX Smart Media Converter



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Hardware Specification

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX and 100BASE-FX
Copper Port	1 x 10/100BASE-TX port, auto-negotiation, auto-MDI-MDI-X
Optical Port	1 x 100BASE-FX
Fiber Connector	FST-801: ST / Multi-mode -- 2km FST-802: SC / Multi-mode -- 2km FST-802S15: SC / Single Mode -- 15km FST-802S35: SC / Single Mode -- 35km FST-802S50: SC / Single Mode -- 50km FST-806A20: WDM SC / Single Mode -- 20km FST-806B20: WDM SC / Single Mode -- 20km FST-806A60: WDM SC / Single Mode -- 60km FST-806B60: WDM SC / Single Mode -- 60km
Optical Wavelength	FST-801: 1310nm FST-802: 1310nm FST-802S15: 1310nm FST-802S35: 1310nm FST-802S50: 1310nm FST-806A20: TX: 1310nm, RX: 1550nm FST-806B20: TX: 1550nm, RX: 1310nm FST-806A60: TX: 1310nm, RX: 1550nm FST-806B60: TX: 1550nm, RX: 1310nm
Maximum Launch Power (dBm)	FST-801: -14 FST-802: -14 FST-802S15:0 FST-802S35:-8 FST-802S50:0 FST-806A20:-8 FST-806B20:-8 FST-806A60:0 FST-806B60:0
Minimum Launch Power (dBm)	FST-801: -20 (62.5/125µm), -23.5 (50/125µm) FST-802: -20 (62.5/125µm), -23.5 (50/125µm) FST-802S15: -20 FST-802S35: -15 FST-802S50:-5 FST-806A20:-14 FST-806B20:-14 FST-806A60:-5 FST-806B60:-5
Receive Sensitivity (dBm)	FST-801: -31.8 FST-802: -31.8 FST-802S15: -32 FST-802S35:-34 FST-802S50: -35 FST-806A20:-31 FST-806B20:-31

	FST-806A60:-34 FST-806B60:-34
	FST-801: -14 FST-802: -14 FST-802S15:0 FST-802S35:0
Maximum Input Power (dBm)	FST-802S50:0 FST-806A20:0 FST-806B20:0 FST-806A60:0 FST-806B60:0
Speed	Ethernet: 10/20Mbps for half / full-duplex Fast Ethernet: 100/200Mbps for half / full-duplex
Maximum Forward Packet Size	1600Bytes
DIP Switch	DIP-1: Fiber full / half duplex mode DIP-2: Copper forced mode / auto-negotiation mode DIP-3: Copper speed 10Mbps / 100Mbps DIP-4: Copper full / half duplex mode DIP-5: Fiber LLR (Link Loss Return) enable / disable DIP-6: Fiber LLCF(Link Loss Carry Forward) enable / disable
LED Indicator	System: PWR TP: LNK/ ACT, FDX/ COL, 100 FX: LNK/ ACT, FDX/ COL
Power Input	DC 5V, 2A
Power Consumption	6.2 watts/ 21 BTU (maximum)
Dimensions (W x D x H)	94 x 81 x 26 mm
Weight	0.22kg
Cable	10BASE-T: 2-pair Cat3, 4, 5 UTP cable, up to 100 meters 100BASE-TX: 2-pair Cat5 UTP cable, up to 100 meters 100BASE-FX: - 50/ 125µm or 62.5/ 125µm multi-mode fiber cable, up to 2km - 9/ 125µm single-mode cable, providing long distance of 15/20/35/50/60km
Operating Environment	0~50 degrees C, 5~90% RH
Storage Environment	-10~70 degrees C, 5~90% RH
Emission	FCC Class B, CE mark
Ordering Information	
FST-801	10/100Base-TX to 100Base-FX (ST, MM) Smart Media Converter-2km
FST-802	10/100Base-TX to 100Base-FX (SC, MM) Smart Media Converter-2km
FST-802S15	10/100Base-TX to 100Base-FX (SC, SM) Smart Media Converter-15km
FST-802S35	10/100Base-TX to 100Base-FX (SC, SM) Smart Media Converter-35km
FST-802S50	10/100Base-TX to 100Base-FX (SC, SM) Smart Media Converter-50km
FST-806A20	10/100Base-TX to 100Base-FX (SC WDM, SM) Smart Media Converter- TX: 1310nm-20km
FST-806B20	10/100Base-TX to 100Base-FX (SC WDM, SM) Smart Media Converter- TX: 1550nm-20km

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