

## 10/100TX to 100FX Switch Media Converter



### Benefits

■ UTP to Fiber Switch Media Converter	■ Auto Negotiation Speed, Half / Full Duplex
■ Standalone and Chassis design	■ TX port support Auto MDI/MDI-X
■ Built-in Link Lose Forwarding (LLF) & Link Fault Pass-Through (LFP) Technology	■ Hot swap for chassis

### Specification

Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX/100BASE-FX IEEE802.3x Flow Control and Back pressure
Connector	Fiber: Duplex SC RJ-45 Socket: CAT-3/5 (10/100Mbps) Twisted Pair cable Auto MDI/MDI-X and Auto-Negotiation Function Support
Switch architecture	Store and Forward
Fiber parameters	Fiber Core: Multimode (62.5/125µm, 50/125µm) Singlemode (8/125µm, 10/125µm) Wavelength: 1310nm(Multimode) 1310nm(Singlemode) Fiber Distance: 2km Multimode 30km Singlemode
Transparent packet size	64 to 1600 Bytes
Link Loss Forward	TX→Fiber: If TX port link down, then converter will forced fiber to link down Fiber →TX: If Fiber port link down, the media converter will force TX port to link down
DIP Switch	DIP Switch 1: UTP Auto-Negotiation/100Mbps Full Duplex mode DIP Switch 2: Fiber Full/Half Duplex DIP Switch 3: LLF (Link Lose Forwarding) & LFP (Link Fault Pass-Through) Disable/Enable DIP Switch 4: Switch Converter/Pure Converter mode
LED	Module: Power, TX (100Mbps, LK/ACT, FDX/COL) Fiber (LK/ACT, FDX/COL)
Power	Stand-alone (External Adapter): DC9V/0.7A Chassis Cabinet: AC 100~240 V, 50/60 HZ, 90W*2
Operation Temp.	0°C to 45°C
Operation Humidity	10% to 90% (Non-condensing)
Storage Temp.	-40°C to 70°C
Dimension	Module: 119mm x 85mm x 26mm Multi-Converter Chassis: 440mm x 266mm x 133 mm (3U, 19")
EMI	FCC Class A, CE
Safety	UL, cUL

### Order Information

Part Number	Product Family	Description
26 000 421	DragonLine	10/100Base TX to 100 Base FX Switch Media Converter (MM/SC/2KM)
26 000 451	DragonLine	10/100Base TX to 100 Base FX Switch Media Converter (SM/SC/30KM)