

## 10/100/1000TX to 1000FX Gigabit 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 IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX standards IEEE802.3x Flow Control and Back pressure
Connector	Fiber: Duplex ST/SC/MT-RJ RJ-45 Socket: CAT-5 (10/100/1000Mbps) 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 (9/125µm) Wavelength: 850nm(Multimode) 1310nm(Singlemode) Fiber Distance: 550m (Multimode) 10km (Singlemode)
Transparent packet	64 to 1536 Bytes for Ethernet packet
Link Loose 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 forced TX port to link down.
DIP Switch	DIP Switch 1: Fiber Auto-Nego/1000Mbps Full Duplex mode DIP Switch 2: TX→Fiber LLF(Link Lose Forwarding) & LFP (Link Fault Pass-Through) Disable/Enable DIP Switch 3: Fiber→TX LLF(Link Lose Forwarding) & LFP (Link Fault Pass-Through) Disable/Enable
LED	Module: Power, TX (100/1000Mbps, LK/Act, FDX/COL), Fiber(LK/Act, FDX/COL)
Power	Chassis Cabinet: AC 100~240 V, 50/60 HZ, 90w*2 Stand-alone (external adapter):DC 9V / 0.7A
Dimension	119mm x 85mm x 26mm
EMI & safety	FCC Class A, CE, UL, cUL

### Order Information

Part Number	Product Family	Description
26 1000 421	DragonLine	10/100/1000 Base-TX to 1000Base-SX Switch Media Converter (MM/SC/550m)
26 1000 451	DragonLine	10/100/1000 Base-TX to 1000Base-LX Switch Media Converter (SM/SC/10km)