

ROLINE 10/100/1000Base-T to Dual-speed

Fiber Media Converter

21.13.1174

User Manual

1. Package Content

- Media Converter
- External Power Adapter

2. Features

- Tri-speed 10/100/1000Mbps copper to dual-speed 1G/100Mbps fiber conversion
- Supports full wire speed conversion for Gigabit copper to Gigabit fiber
- Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3z standards
- Supports auto-negotiation and auto-MDI/MDI-X detection
- Supports transparent conversion of any packet types
- Provides link fault pass through function
- Supports jumbo frames up to 9.2K bytes
- Supports 802.3x flow control

3. Hardware Overview



Front view



Rear view

4. LED Indicator

LED	Color	Status	Indicates
PWR (Power)	Green	On	Power is on
		Off	Power is off
LAN / Fiber (Link / Act)	Green	On	The port is operating at 1000Mbps
		Blinking	TX/RX Activity (1000Mbps)
		Off	The link is disconnected
	Orange	On	Copper port is operating at 10/100Mbps and Fiber port is operating at 100Mbps
		Blinking	TX/RX Activity (10/100Mbps on copper and 100Mbps on fiber)
		Off	The link is disconnected

5. Technical Specifications

Hardware	
Standard	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X, IEEE 802.3x Flow Control
Network Ports	1* 10/100/1000Mbps Gigabit copper port :Auto-negotiation, Auto MDI/MDI-X support 1*100/1000Mbps Dual-speed fiber SFP port: SFP supports standard SFP fiber transceiver installation
Jumbo Frame Size	Up to 9.2k bytes
Dimension	60 x 75 x 23 mm (WxDxH)
Power Input	+5VDC via external power adapter
Power Consumption	2W max.
Environment	
Temperature	Operating Temperature: 0° ~ 40°C Storage Temperature: -20° ~ 70°C
Humidity	10% ~ 90% (non-condensing)