

ETR2 Series

Single Channel 10/100Mbps Ethernet Transceiver



Main Features



Support IEEE 802.3, 802.3u, 802.3x, 802.3z standards



Plug and Play



Lightning protection



Support for single mode



Support 9 - 24VDC wide range voltage supply

Mounting options of card module (for installation with rack chassis FRC2), individual base plate, or din rail



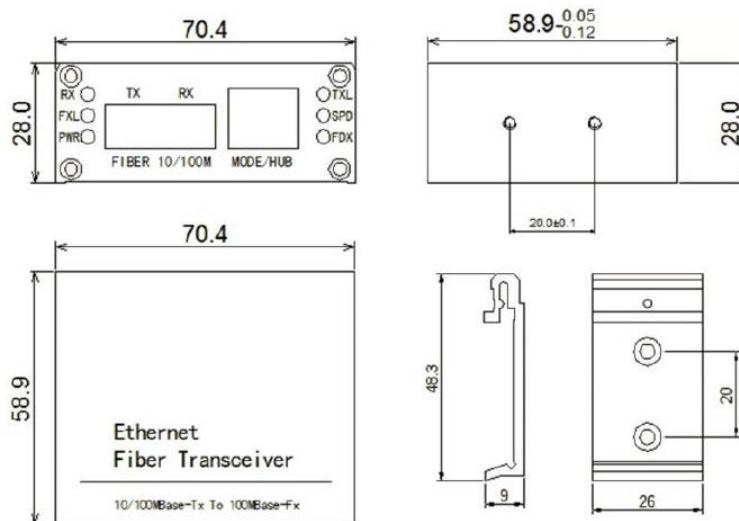
Support for multi-mode



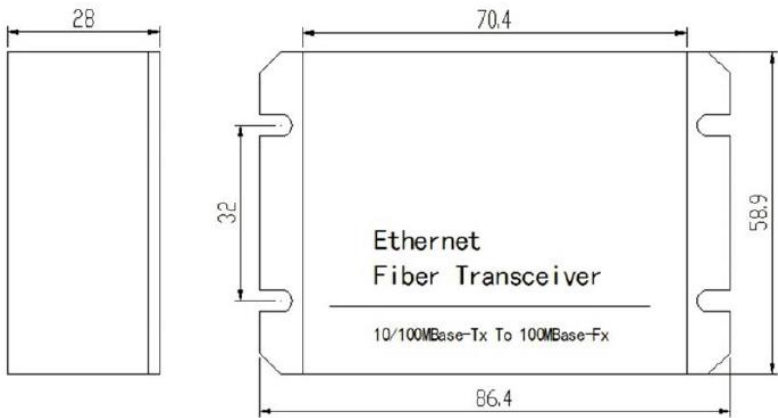
Certified by CE

Ethernet		
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z	
MAC Table	1K	
Data Rate	Auto switch full and half duplex Full Duplex: 20Mbps or 200Mbps Half Duplex: 10Mbps or 100Mbps	
Forwarding Rate	14,881pps(10Base-T) 148,810pps(100Base-T)	
Optical		
Wavelength, Tx/Rx	Field(T1): 1550nm/1310nm	Backend(T2): 1310nm/1550nm
Distance	Single Mode	20/40/60/80km options
	Multimode	<5km
Physical		
Ethernet Connector	1 x RJ45 auto sensing 10/100BASE-TX	
Optical Connector	1 x SC/FC/ST connector (options), 100BASE-FX	
Dimension (WxHxL)	Din Rail: 70.4 x 28.0 x 58.9mm Base Plate: 86.4 x 28.0 x 58.9mm Card Module: mounting in FRC2 rack chassis	
Power	9-24VDC / 1.6W	
Operating Temp.	-25°C to +70°C	
Storage Temp.	-45°C to +85°C	
Relative Humidity	5% to 95% non-condensing	
Mounting	Din rail / Base plate	
Certification	CE	

Outline Dimensions (mm)



Din rail mount type dimensions



Base plate mount type dimensions

Model & Ordering Code

ETR2 - X - X - X - X

Single Mode Options

- 20 : 20km
- 40 : 40km
- 60 : 60km

Mounting Options

- DR : Din rail
- BP : Base plate
- CM : Card Module

Single Mode or Multi-mode Options

- MM : Multi-mode
- SM : Single mode

Connector Options

- ST : ST connector
- SC : SC connector
- FC : FC connector