

ETR3 Series

Single Channel 10/100/1000Mbps 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



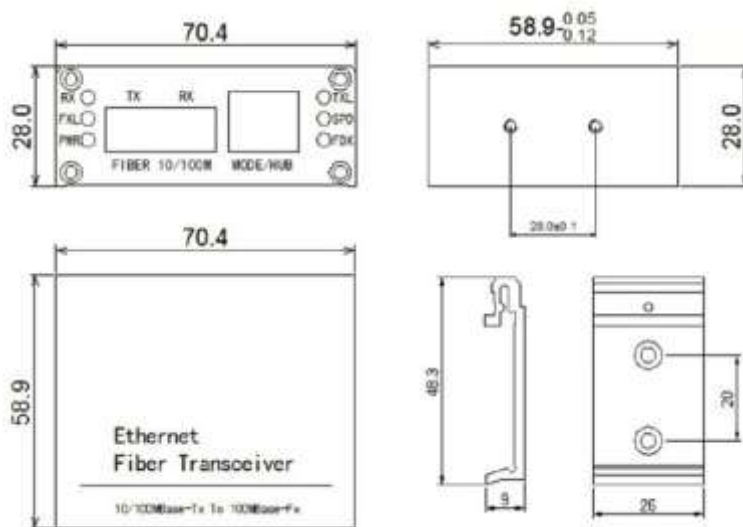
Support for multi-mode



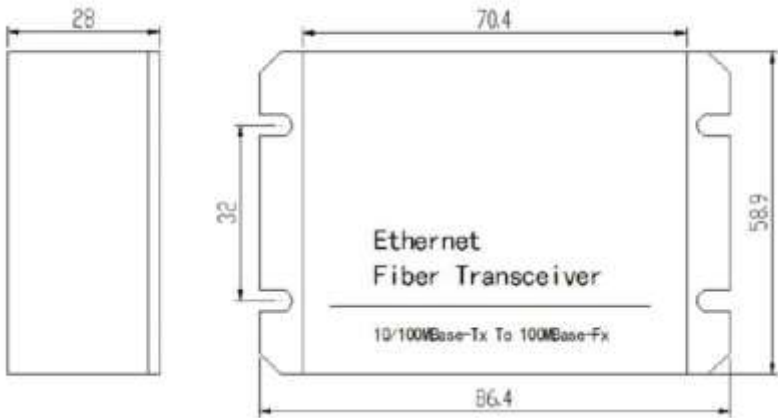
Certified by CE

Ethernet	
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z
MAC Table	1K
Data Rate	Auto switch full and half duplex Full Duplex: 20Mbps, 200Mbps or 2000Mbps Half Duplex: 10Mbps, 100Mbps or 1000Mbps
Forwarding Rate	14,881pps (10Base-T) 148,810pps (100Base-T) 1,488,100pps (1000Base-T)
Optical	
Wavelength	Single Mode 1310nm/1550nm Multi-Mode 850nm/1310nm
Distance	Single mode: 20/40/60/80km options Multimode: <5km
Physical	
Ethernet Connector	1 x RJ45 auto sensing 10/100/1000 BASE-TX
Optical Connector	1 x SC/FC/ST connector (options), 100BASE-FX, 1000Base-FX port
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
Operating Voltage	9 - 24VDC
Power Consumption	1.7W
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-40°C ~ +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

ETR3 - 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