

Model OT-PLC302-N

Ethernet Extender

Product Datasheet



CE FC RoHS  

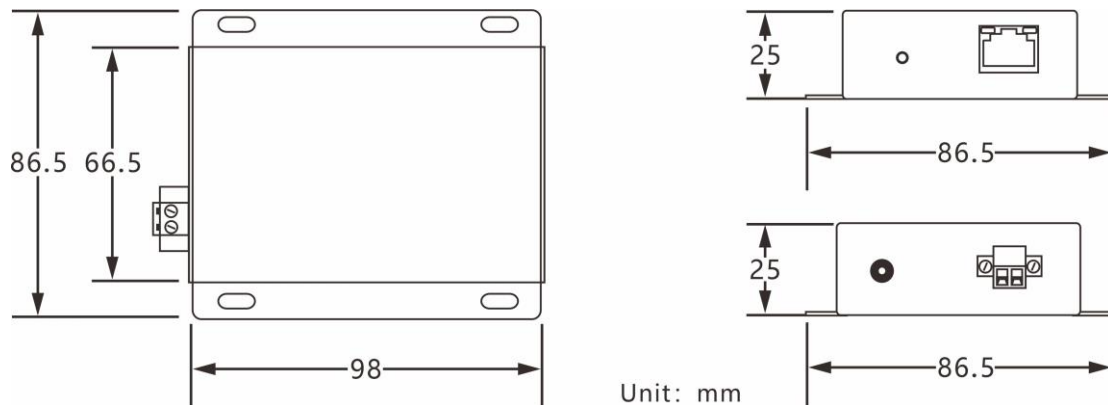
OT-PLC302-N is a high-speed Ethernet Extender which allows 100 BaseT Ethernet to be transmitted over single pair 2-wire copper cable for a long distance.

This device contains one Receiver unit and one Transmitter unit, and can be connected to the existing cabling infrastructure for IoT devices including IP phones, cameras, access control, speakers and etc.

Features

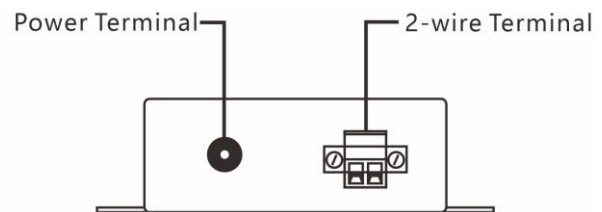
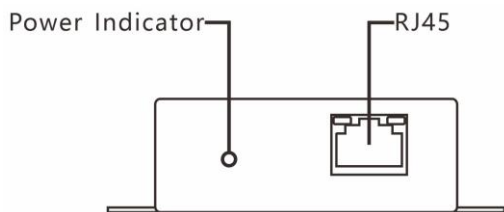
- ◆ IP over one pair 2-wire cable up to 600m
- ◆ Full duplex 100Mbps
- ◆ Plug and play
- ◆ Transparent transmission

Dimension



Note: Dimension error value ± 1 mm

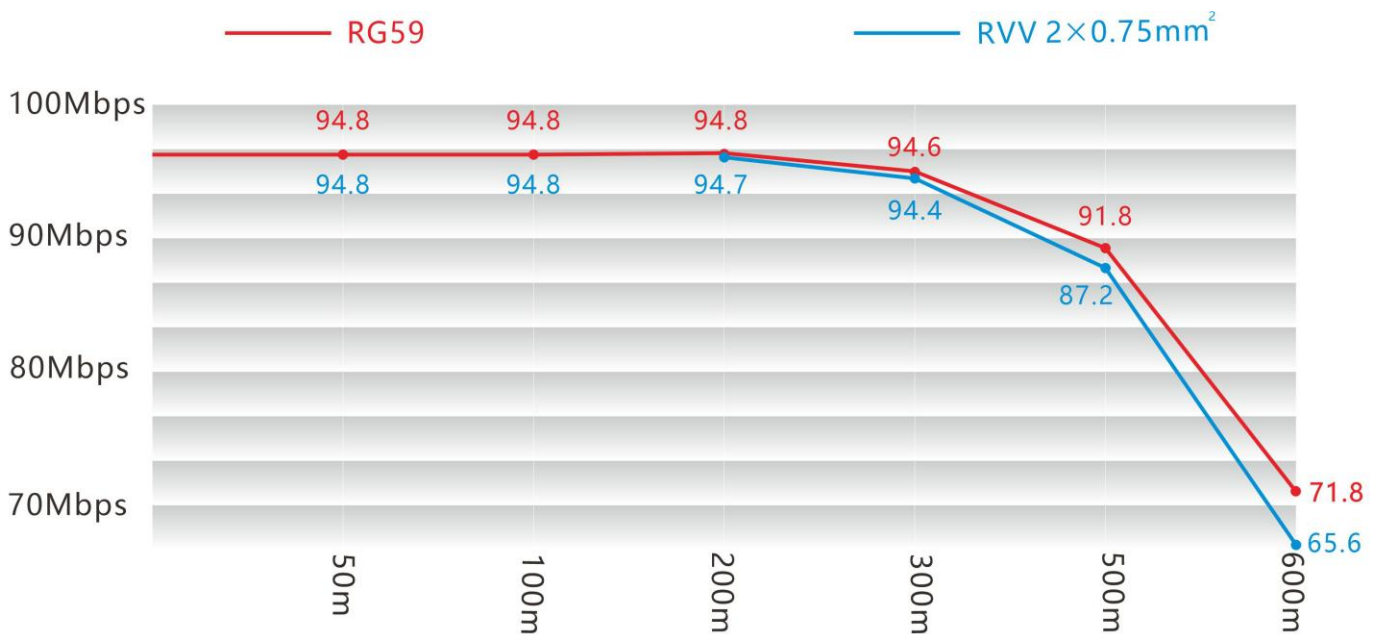
Interface Description



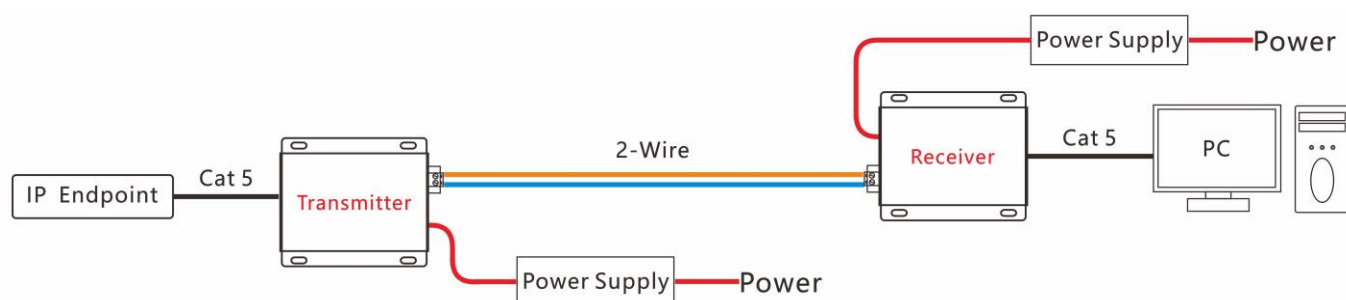
Technical Parameter

Category		Description
Power	Available Voltage Range	12~24VDC
	Power Consumption	≤2W / PC
Transmission / Rate	Standard Compliance	IEEE1901, IEEE802.3
	Up Down Agreement	CSMA/CA
	Bandwidth	Full duplex 100Mbps
Physical Characteristic	Dimensions (L x W x H)	98x86.5x25mm
	Material	Aluminum
	Net Weight	160g / PC
Operating Environment	Working Temperature	-20°C~60°C
	Working Humidity	<95% (Non-condensation)

Bandwidth & Distance Chart



Connection Diagram



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