

# Model OT-PLC302-N

## Ethernet Extender

### Product Datasheet



CE FCC RoHS  

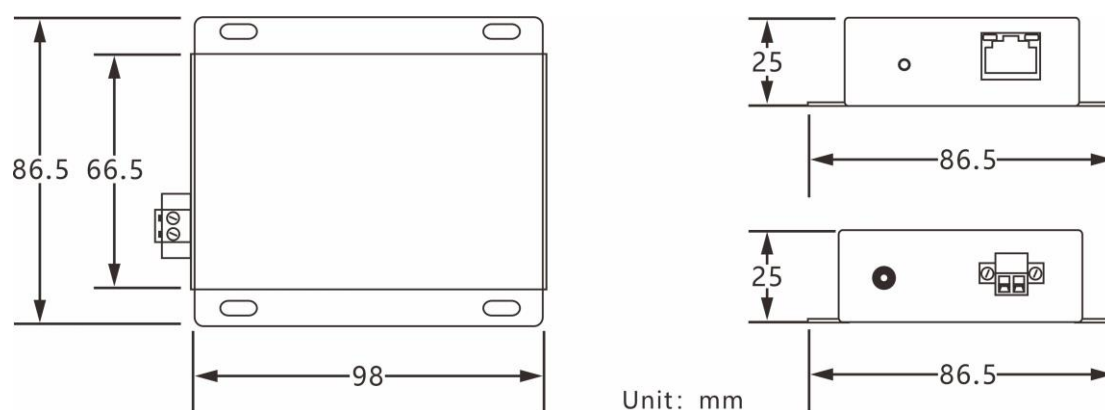
**OT-PLC302-N** is a high-speed Ethernet Extender which allows 100 BaseT Ethernet to be transmitted over single pair 2-wire copper cable for a long distance.

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

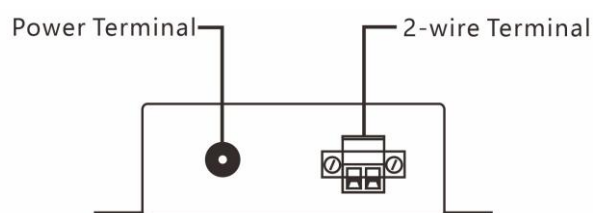
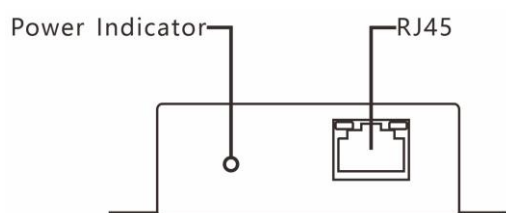
- ◆ IP over one pair 2-wire cable up to 600m
- ◆ Full duplex 100Mbps
- ◆ Plug and play
- ◆ Transparent transmission

## Dimension



**Note: Dimension error value  $\pm 1$  mm**

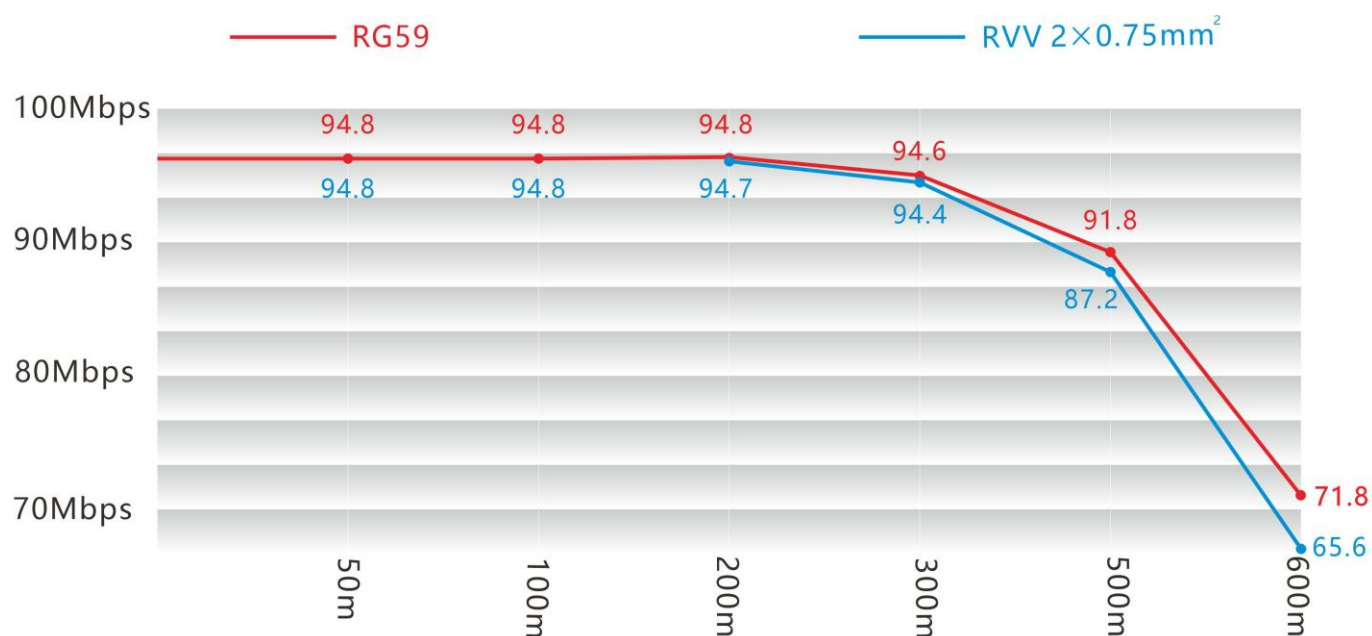
## Interface Description



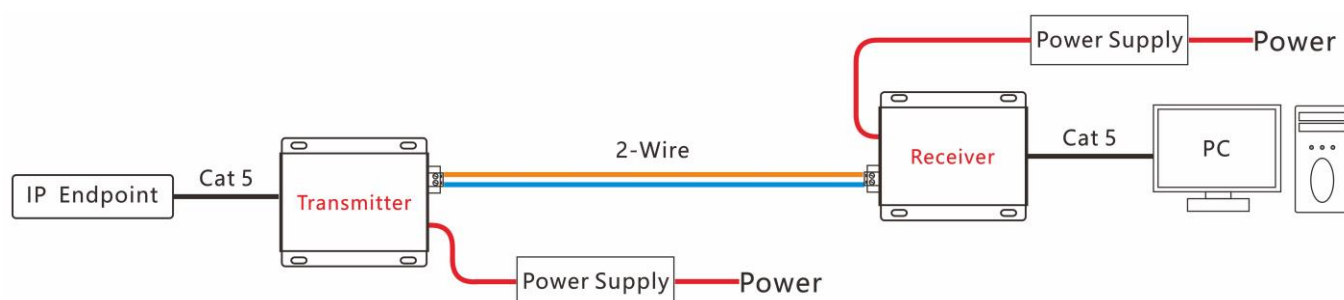
## Technical Parameter

Category		Description
<b>Power</b>	Available Voltage Range	12~24VDC
	Power Consumption	≤3W / PC
<b>Transmission / Rate</b>	Standard Compliance	IEEE1901, IEEE802.3
	Up Down Agreement	CSMA/CA
	Bandwidth	Full duplex 100Mbps
<b>Physical Characteristic</b>	Dimensions (L × W × H)	98×86.5×25mm
	Material	Aluminum Alloy
	Net Weight	165g / PC
<b>Operating Environment</b>	Working Temperature	-20℃~60℃
	Working Humidity	<95% (Non-condensation)

## Bandwidth & Distance Chart



## Connection Diagram



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