



# Model OT-PLC302C-RS2

## Power Line Ethernet Extender

### Product Datasheet



CE FC RoHS  

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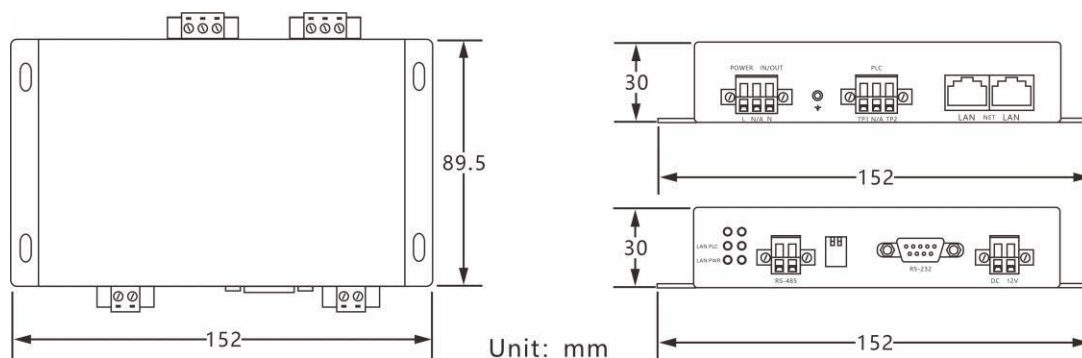
OT-PLC302C-RS2 is a high-speed power line Ethernet extender that can transmit power, Ethernet, and RS232 serial data signals over a 2-wire power line, with a transmission distance of up to 600m.

This device includes both the transmitter and receiver units and features a built-in noise reduction isolation transformer, as well as isolation frequency crosstalk functionality. It is designed to transmit multiple signals over a single 2-wire cable, making it ideal for various medium- and short-distance Ethernet signal transmission applications.

## Features

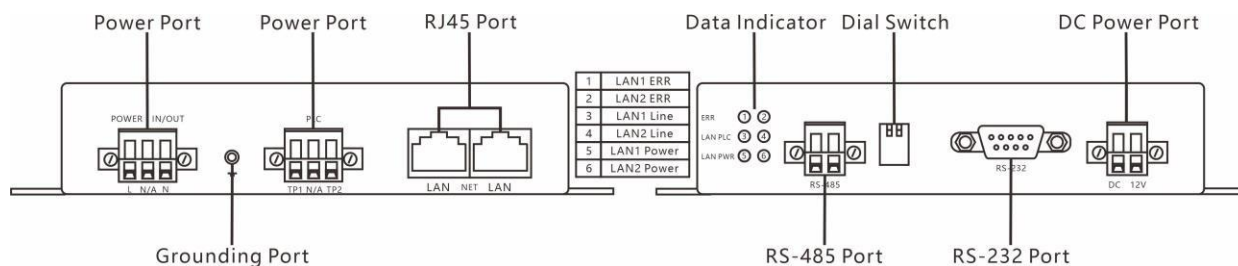
- ◆ Max transmission distance can reach 600m
- ◆ Support RS232 serial data transmission
- ◆ Built-in ESD protection circuit to effectively prevent electrostatic damage
- ◆ Support simultaneous transmission of multiple signals over a single power cable, built-in isolation filter circuit

## Dimension



Note: Dimension error value  $\pm 1\text{mm}$

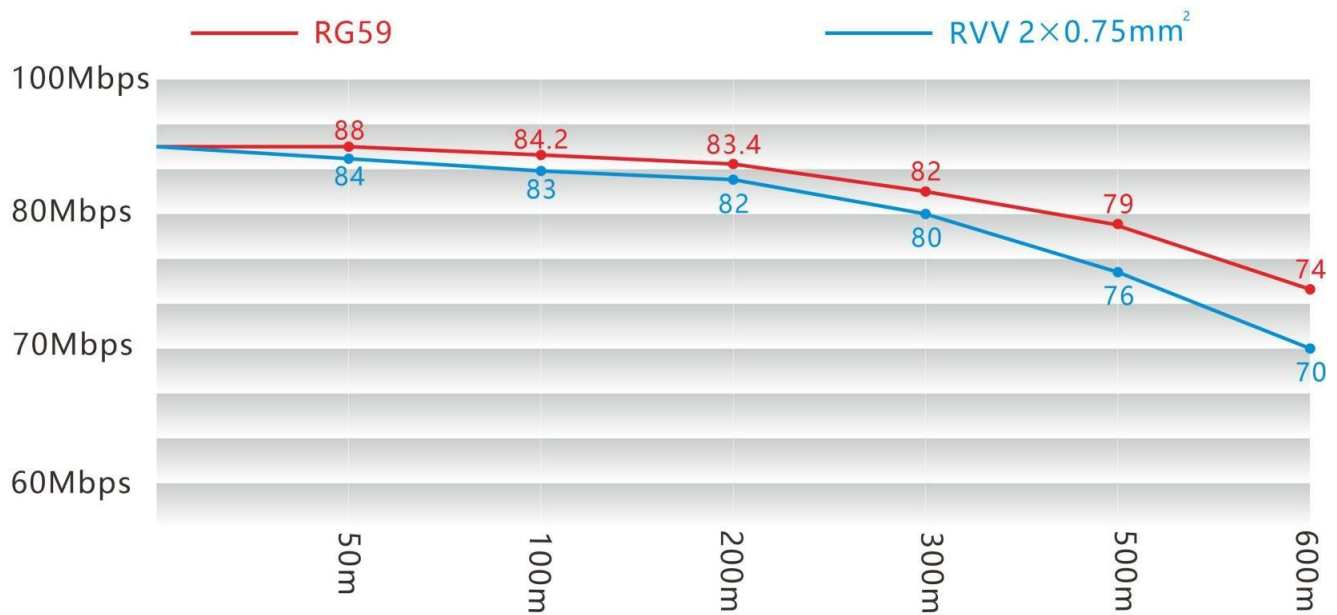
## Interface Description



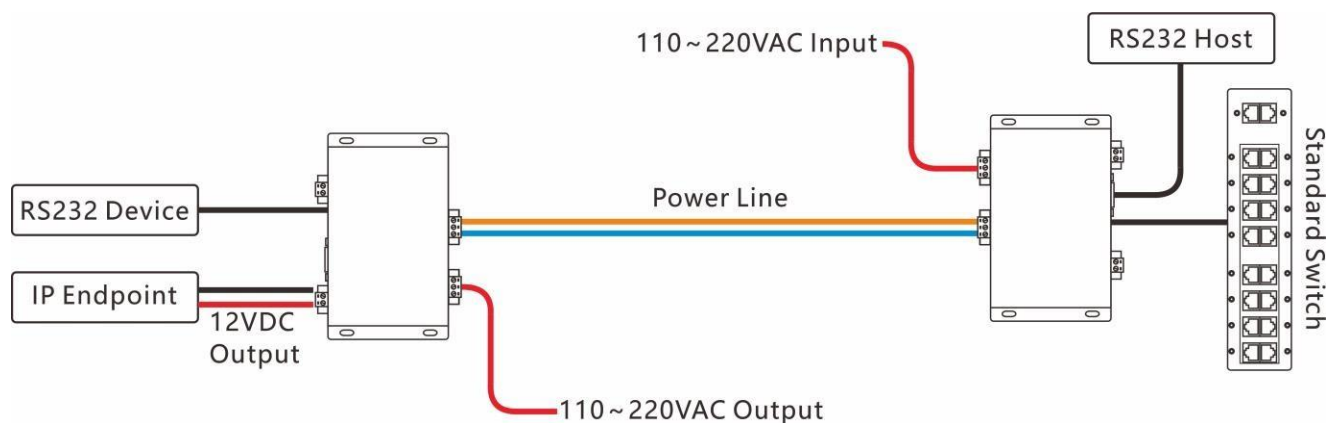
## Technical Parameter

Category		Description
Power	Available Voltage Range	100~240VAC
	Power Consumption	≤5W / PC
	Power Output Transmitter Unit	100~240VAC
	220V Output Current	<10A
Transmission / Rate	Network Rate	Full duplex 100Mbps
	RS232 Port Rate	Dial the switch to adjust, support 9600、19200、57600、115200
Physical Characteristic	Dimensions (L×W × H)	89.5×152×30mm
	Material	Iron
	Net Weight	500g / PC
Operating Environment	Working Temperature	-20°C~60°C
	Working Humidity	<95% (Non-condensation)

## Bandwidth& Distance Chart



# Installation Diagram



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\*Specifications are subject to change without notice.