



Model OT-PLC302C-RS4

Power Line Ethernet Extender

Product Datasheet



CE FCC RoHS  

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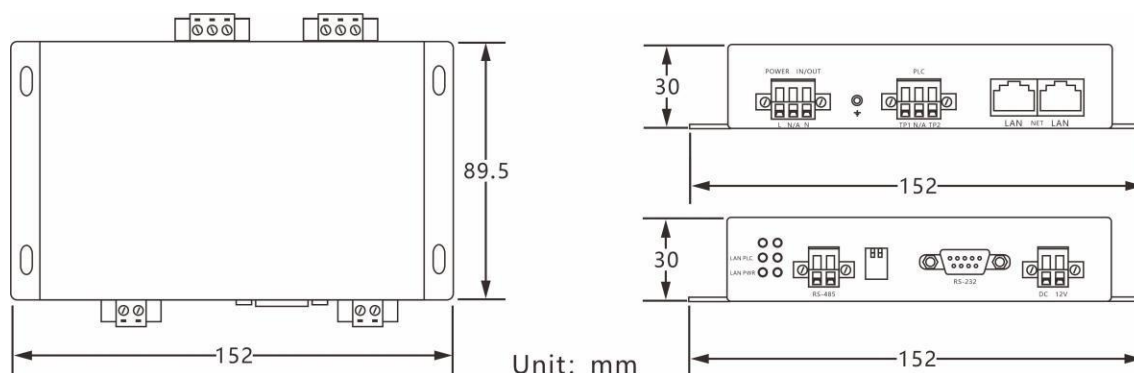
OT-PLC302C-RS4 is a high-speed power line Ethernet extender that can transmit power, Ethernet, and RS485 data signals over a 2-wire power line, with a transmission distance of up to 600m.

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

Features

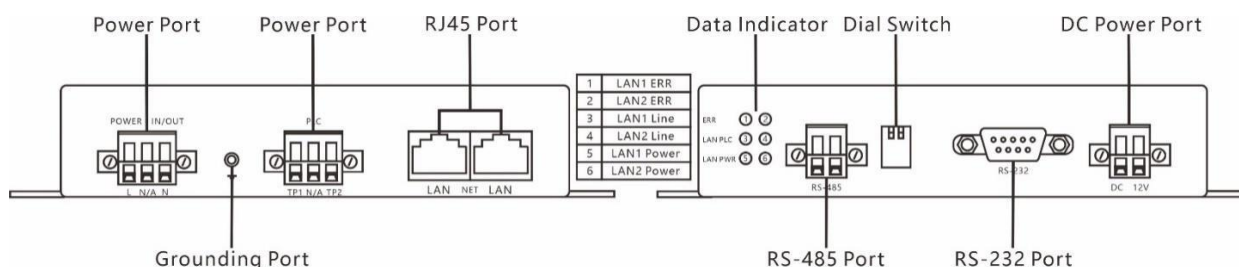
- ◆ Max transmission distance can reach 600m
- ◆ Support RS485 data transmission
- ◆ Built-in ESD protection circuit to effectively prevent electrostatic damage
- ◆ Support simultaneous transmission of multiple signals over a single power cable, built-in isolation filter circuit

Dimension



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

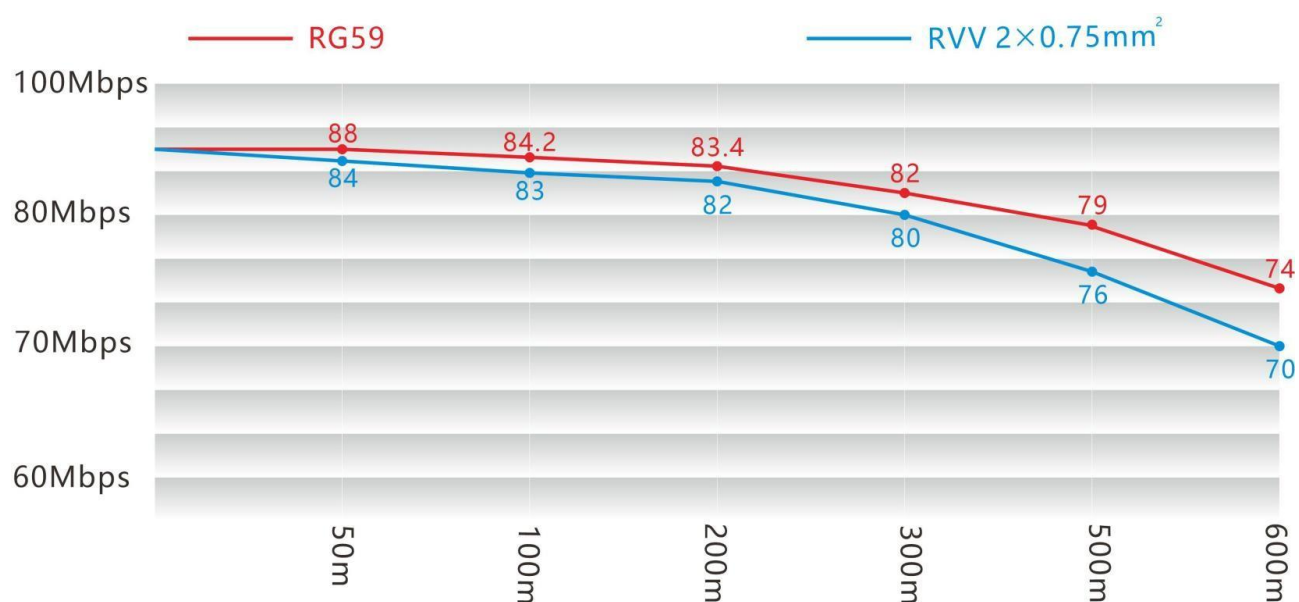
Interface Description



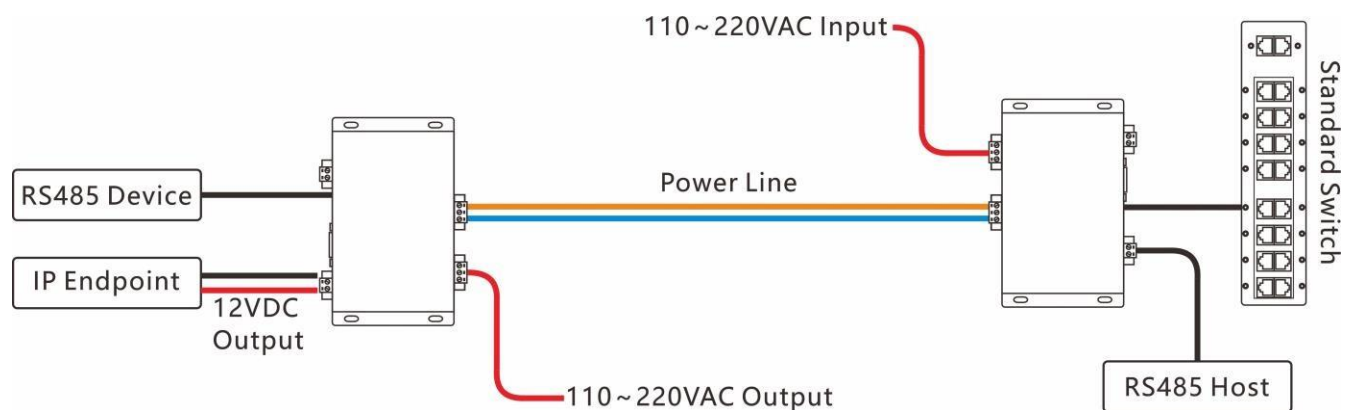
Technical Parameter

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
	RS485 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℃~60℃
	Working Humidity	<95% (Non-condensation)

Bandwidth& Distance Chart



Installation Diagram



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Thank you for choosing Ourten!

*Specifications are subject to change without notice.