



# **Model OT-L-DSL**

## **Ethernet Extender**

### **Product Datasheet**



**CE FC RoHS**  

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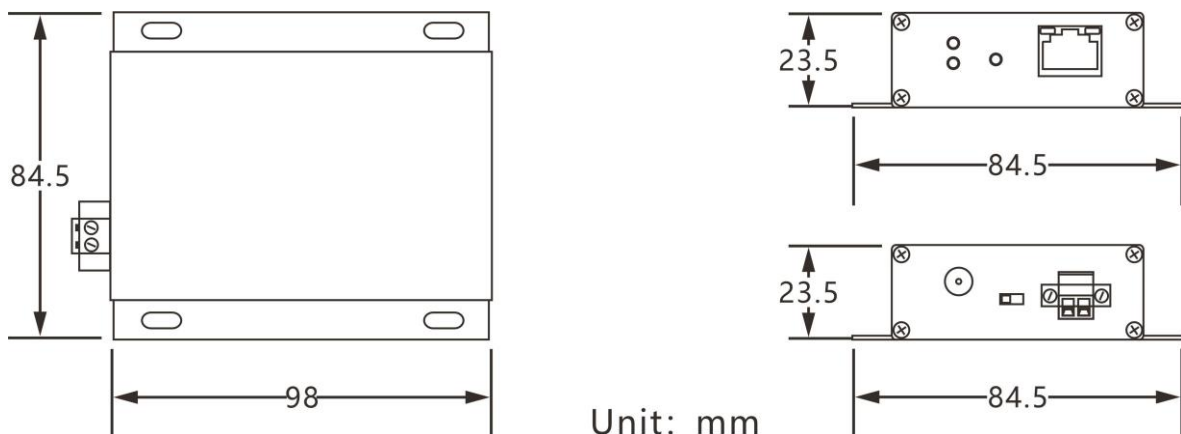
**OT-L-DSL** is an Ethernet Extender which consists of remote unit and local unit. It transmits network signal over any 2-wire cable such as Cat5, telephone line or coaxial cable, etc. Meanwhile, it also can transmit telephone signal when transmitting network signal (adding an additional splitter).

This device can be widely applied in network signal extending system, network security system, network information display system, network renovation and expansion systems, etc.

## Features

- ◆ Max transmission distance can reach 3,000m
- ◆ Max transmission rate can reach 148Mbps
- ◆ Support audio signal transmission over cables simultaneously
- ◆ Plug and play, transparent transmission, network rate adaptive

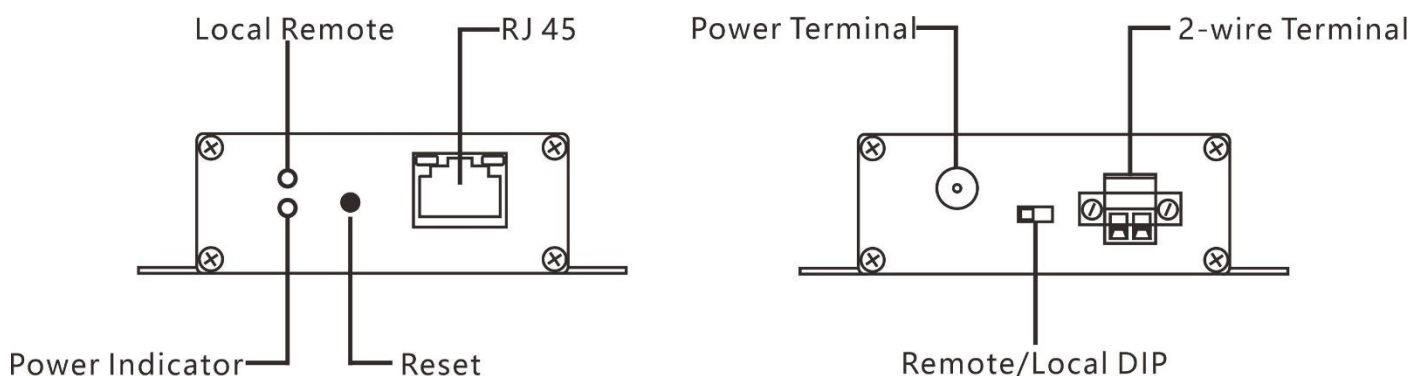
## Dimension



Unit: mm

Note: Dimension error value  $\pm 1$  mm

## Interface Description



## Technical Parameter

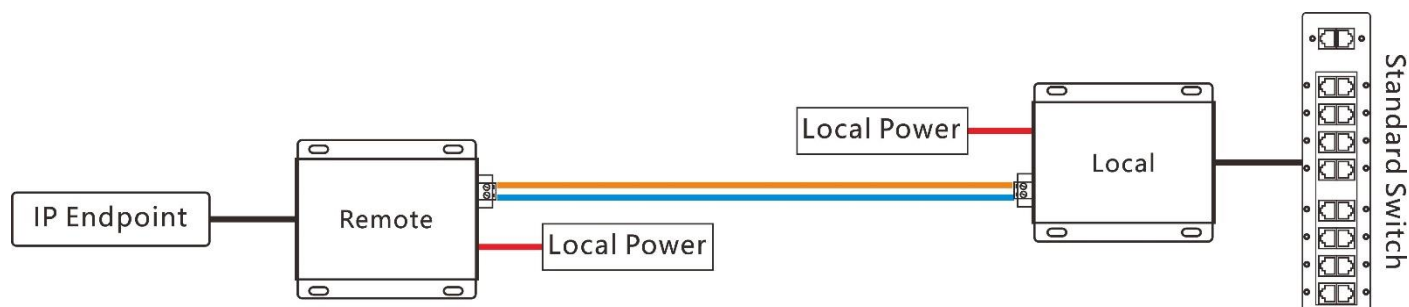
| Categories                     |                                  | Description                                        |
|--------------------------------|----------------------------------|----------------------------------------------------|
| <b>Power</b>                   | Voltage Range                    | 12VDC±10%                                          |
|                                | Power Consumption                | ≤3W / PC                                           |
| <b>Transmission Rate</b>       | Up Link74Mbps/ Down Link 74Mbps  | Max 148Mbps                                        |
| <b>Protection</b>              | Transmission Channel Lightening  | 4KV 10/700us, common mode lightning: Level 4       |
|                                |                                  | 1KV 10/700us, differential mode lightning: Level 1 |
|                                |                                  | Executive Standard: IEC61000-4-5                   |
|                                | Product Electrostatic Protection | 1b Contact Discharge: Level 2                      |
|                                |                                  | 1b Air Discharge: Level 2                          |
|                                |                                  | Executive Standard: IEC61000-4-2                   |
| <b>Physical Characteristic</b> | Dimensions (L × W × H)           | 98×84.5×23.5mm                                     |
|                                | Material                         | Aluminum Alloy                                     |
|                                | Net Weight                       | 140g/PC                                            |
| <b>Operating Environment</b>   | Working Temperature              | -40℃～60℃                                           |
|                                | Humidity                         | <95% (Non-condensation)                            |

## Bandwidth & Distance Chart

| Distance (m) | Bandwidth    |           |             |
|--------------|--------------|-----------|-------------|
|              | Total (Mbps) | Up (Mbps) | Down (Mbps) |
| 300          | 103          | 53        | 50          |
| 500          | 67           | 39        | 28          |
| 1000         | 24           | 12        | 12          |
| 1500         | 10           | 3.5       | 6.5         |
| 2000         | 4            | 1         | 3           |
| 2500         | 1.8          | 0.5       | 1.3         |
| 3000         | 0.68         | 0.44      | 0.24        |

**Note:** The actual data speed performance can vary by the environmental conditions and the cable qualities.

## Installation Diagram



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