

# DATA SHEET



## 4-Port USB 2.0 Over Cat5/Cat6 Extender - up to 150ft

Extend USB 2.0 signals for four USB devices up to 150 feet over a Cat5 or Cat6 cable

### OVERVIEW

The 4-Port USB 2.0 Over Cat5/Cat6 Extender is a perfect solution for conference rooms and huddle spaces in need of a innovatively simple, yet powerful solution for extending USB signals beyond their native 16.4 foot length limitation.

Plug and play installation is quick and easy with no software or drivers required. Reduce cable clutter by running a single Cat5/Cat6 cable to a remote location, or for added convenience, use existing in-wall Cat5/Cat6 cabling to extend USB connections between rooms.

Using USB 2.0 speed and power, this solution provides increased bandwidth and faster data transfer speeds, up to 480Mbps, over standard Cat5/Cat6 cabling at lengths up to 150ft. The included 5V2A DC power supply, which is required to be connected to the receiver unit, provides enough power to operate most new USB devices and allows for flexibility in equipment placement.

Note: If the USB signal is being extended to support a 300 series or 500 series Promethean interactive whiteboard, then we recommend using our product 29338. For more information about this recommendation, read our Superbooster application bulletin.

### FEATURES

- Supports High-Speed USB devices up to 480Mbps
- Extends 4 USB connections up to 150ft
- Suspend/resume detection
- Hot pluggable
- Plug and play, with no software or drivers required

### ITEM DESCRIPTION

54285 4-Port USB 2.0 Over Cat5/Cat6 Extender

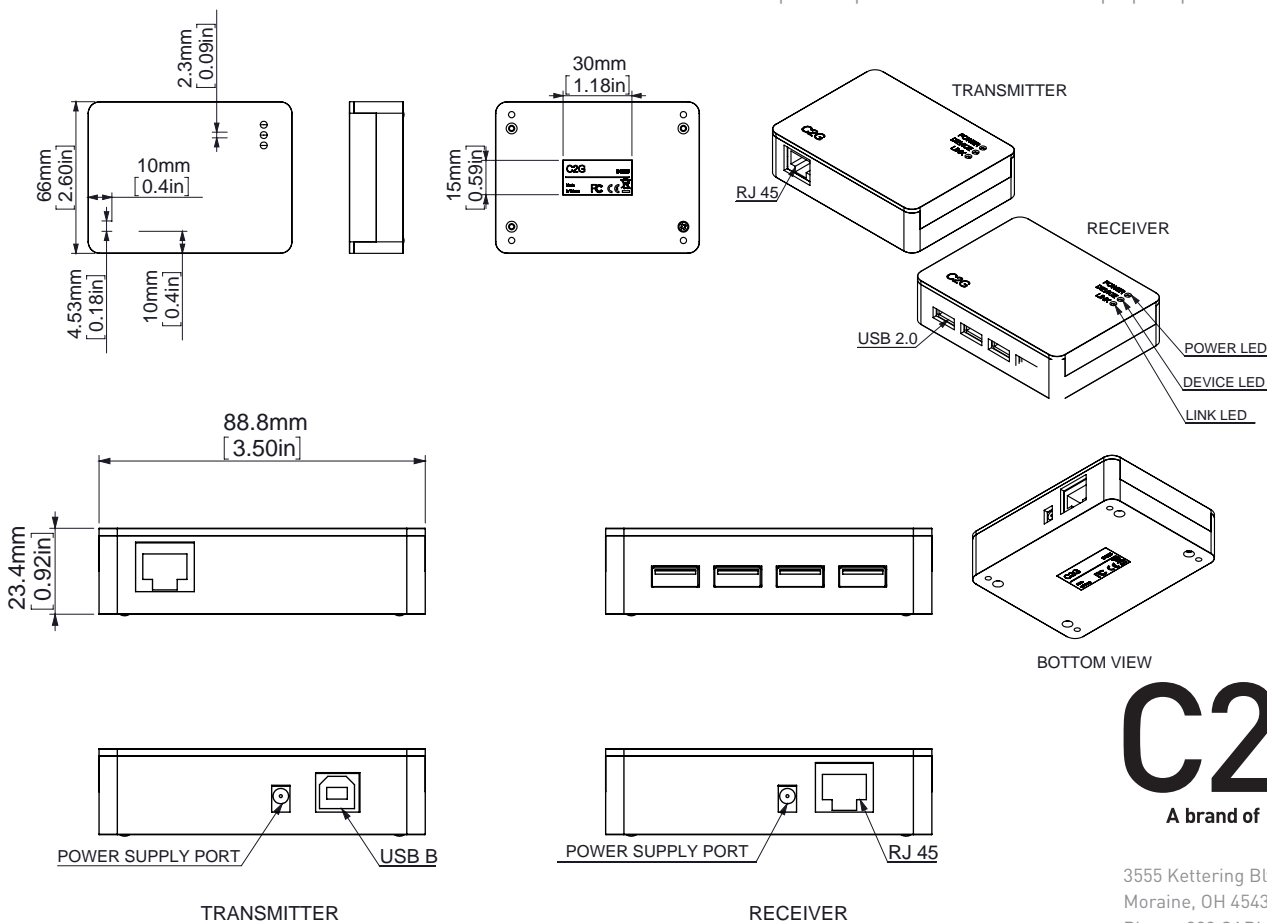
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## SPECIFICATIONS:

### 4-Port USB 2.0 Over Cat5/Cat6 Extender

#### PHYSICAL SPECIFICATIONS:

- Operating Temperature: 0°C to +50°C
- Storage Temperature: -20°C to 80°C
- Material Housing: ABS Black
- Approvals: CE and conforms to 2011/65/EU ROHS 2
- Connector: USB Type A Female
- Terminal: Brass G/F in mating area
- Shell: SPCC Ni over Cu
- Insulator: PBT White
- Connector: USB Type A Male
- Terminal: Brass G/F in mating area
- Shell: SPCC Ni over Cu
- Insulator: PBT White
- Connector: RJ45 10P10C right angle type
- Housing: High Temperature Thermoplastic Black UL94V-0
- Shield: 0.25mm thickness Copper Alloy TIN/Ni plated
- Connector: DC Jack
- Housing: PBT UL94V-0, Black, PIN : HPB, MB: Ni / Ag, OD 1.3mm
- Chipset: Lontium: LT8311
- Power Adapter:
  - Input: 100-240VAC, 50-60Hz, 0.6A Max
  - Output: 5VDC, 2A
- Dimensions: 64x38x28mm HxWxD
- Cable Length: 1200 ± 10mm
- Pin Diameter: 3.5mm; Center Pin Polarity
- Power Adapter Required at Receiver Unit for proper operation



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