

USB-C® TO ETHERNET ADAPTER WITH POWER DELIVERY

Add a wired network connection using a USB-C® port while simultaneously charging the device.

The USB-C® to Ethernet Adapter with Power Delivery is an ideal solution for wired network connectivity and data transfer on the go, in the office, or any work space while having the ability to simultaneously charge a mobile device. This adapter connects to a USB-C or Thunderbolt™ 3 enabled laptop, tablet, or desktop computer and features an Ethernet port and a USB-C port with power delivery.

The small form factor of this adapter makes it a portable and convenient solution that provides a Gigabit Ethernet port for a wired internet connection and a USB-C port with power delivery. The adapter is perfect for connecting to networks where Wi-Fi® is unavailable or for computers that do not provide a wired Ethernet port or possibly have a damaged Ethernet port.

The Ethernet port allows for reliable internet connectivity and file transfer speeds up to 1000 Mbps, while the USB-C port provides up to 100W of power to connected devices.



CG29749

FEATURES

- RJ45 Gigabit Ethernet
- Compatible with USB-C® and Thunderbolt™ 3 ports
- Reversible, symmetrical USB-C connector
- Small form factor for portability

| Item | Description |
|---------|--|
| CG29748 | USB-C® to Ethernet Adapter with Power Delivery - White |
| CG29749 | USB-C® to Ethernet Adapter with Power Delivery - Black |

USB-C® TO ETHERNET ADAPTER WITH POWER DELIVERY

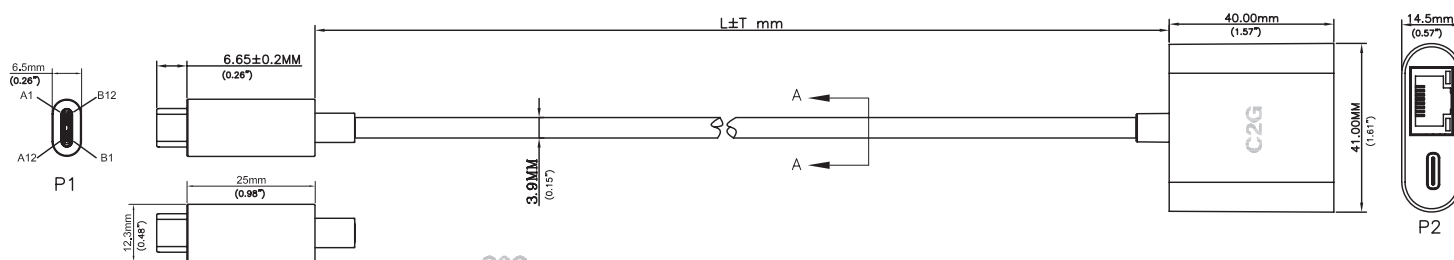
SPECIFICATIONS

| | | CG29748, CG29749 |
|---------------------------|----------------------------------|---|
| ELECTRICAL SPECIFICATIONS | Rated Temperature | 80°C |
| | Voltage Rating | 30V |
| | Power Delivery | 100W |
| | Insulation Resistance | 20°C: 34AWG, 860 OHMS/KM |
| | Nominal Impedance with Tolerance | 90 ± 20% Ohm |
| | Insulation Resistance | 10M-KM MIN at 20°C DC 500V |
| | Dielectric Strength | AC 500V/1 Minute No Breakdown |
| PHYSICAL CHARACTERISTICS | Length | 10ft (3m) |
| | Connector 1 | USB-C (Male) |
| | Connector 2 | USB-C (Female) / Ethernet (Female) |
| | Wire Gauge | [34AWG (7/0.06TC) + EAM]*2P + 34AWG (7/0.06TC)*2C + 28AWG (7/0.127TC)*2C + AB (16/9/0.06TC 85%TC) |
| | Color | White (CG29748) / Black (CG29749) |
| | Jacket Material | PVC |
| | Cable Jacket Rating | VW-1 |
| | Cable Diameter | 3.9MM |
| | Regulatory Approvals | CE Marked, Conforms to 2011/65/EU RoHS2 |
| | Operating Temperature | 32°F to 113F (-0°C to 45°C) |
| | Storage Temperature | 14°F to 158°F (-10°C to 70°C) |
| | Operation Humidity | 15 to 85% RH (non-condensing) |
| | Storage Humidity | 5 to 90% RH (non-condensing) |



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TECHNICAL DRAWING

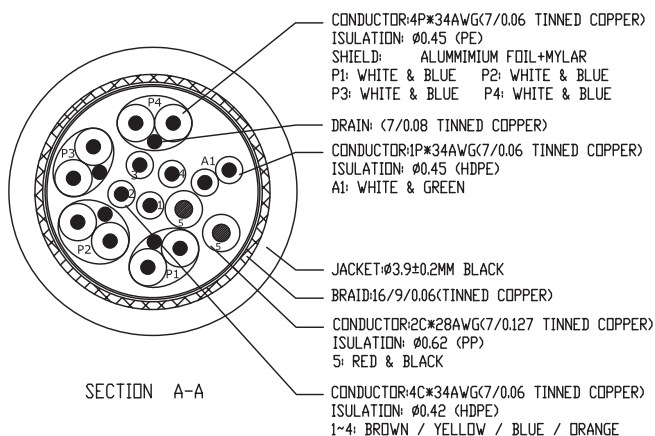


C2G

10X3.52MM CENTER
877C SILVER PRINT

PIN ASSIGNMENT

| | Conn.1 | | Conn.2 |
|--------|-----------------|---------------|--------------|
| CC | A5 | A5 | 34AWG BROWN |
| DP1 | A6 | A6 | 34AWG WHITE |
| DN1 | A7 | A7 | 34AWG GREEN |
| SBU1 | A8 | A8 | 34AWG BLUE |
| Vconn | B5 | B5 | 34AWG YELLOW |
| SBU2 | B8 | B8 | 34AWG ORANGE |
| SSTXp1 | A2 | A2 | 34AWG BLUE |
| SSTXn1 | A3 | A3 | 34AWG WHITE |
| SSRXp2 | A11 | A11 | 34AWG BLUE |
| SSRXn2 | A10 | A10 | 34AWG WHITE |
| SSTXp2 | B2 | B2 | 34AWG BLUE |
| SSTXn2 | B3 | B3 | 34AWG WHITE |
| SSRXp1 | B11 | B11 | 34AWG BLUE |
| SSRXn1 | B10 | B10 | 34AWG WHITE |
| GND | (A1,A12,B1,B12) | A1,A12,B1,B12 | 28AWG BLACK |
| | Shell | Shell | |
| VBUS | (A4,A9,B4,B9) | A4,A9,B4,B9 | 28AWG RED |



C2G | CHIEF | CONNECTRAC | DA-LITE | LUXUL | MIDDLE ATLANTIC | ON-Q | SANUS | VADDIO | WIREMOLD

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