

# DATA SHEET



## USB-C to Ethernet Adapter with Power Delivery

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

### OVERVIEW

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 Type-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 Type-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 1000Mbps, while the USB Type-C port provides up to 60W of power to connected devices.

### FEATURES

- RJ45 Gigabit Ethernet
- Compatible with USB-C and Thunderbolt™ 3 ports
- Reversible, symmetrical USB-C connector
- Small form factor for portability
- Plug and Play—no driver required

### ITEM DESCRIPTION

29748	USB-C to Ethernet Adapter with Power Delivery - White
29749	USB-C to Ethernet Adapter with Power Delivery - Black

# DATA SHEET

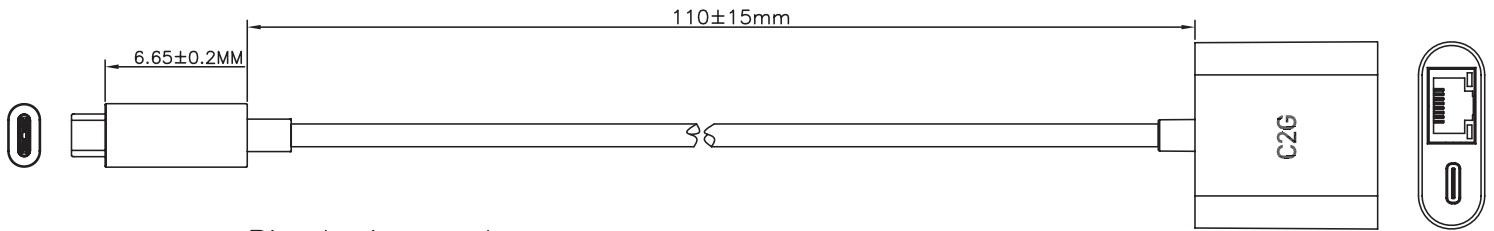
## SPECIFICATIONS: USB-C to Ethernet Adapter with Power Delivery

### ELECTRICAL SPECIFICATIONS:

- USB3.1-[34AWG(7/0.06TC)+EAM]\*2P+34AWG(7/0.06TC)\*2C+28AWG(7/0.127TC)\*2C+AB(16/9/0.06TC 85%TC) OD:3.9MM~White
- Rated Temperature: 80°C ; Voltage: 30V
- Max Conductor Resistance at 20°C: 34AWG, 860 OHMS/KM
- Insulation Resistance: 10M-KM MIN at 20°C DC 500V (EIA-364-21)
- Dielectric Strength: AC 500V/1 Minute No Breakdown.(EIA-364-20)

### PHYSICAL SPECIFICATIONS:

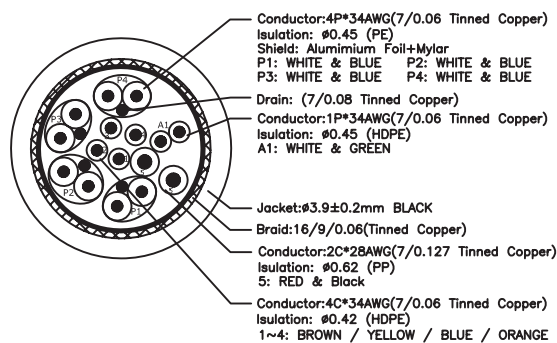
- Operating Temperature: 0 ~ 45°C; 15-85% RH (Non-Condensing)
- Storage Temperature: -10 ~ 70°C; 15-85% RH (Non-Condensing)
- USB 3.1 C Type Male: Contacts Terminal Gold Plated 3U, Nickel Plated Shell; Black Insulation
- USB+RJ45 Female: Contacts Terminal Gold Flash, Nickel Plated Shell; Black Insulation with PCB, Chipset: RTL8153-VB-CG & VL813
- Molding Material: White PVC Conforms to RoHS
- Product is CE Marked and Conforms to 2011/65/EU RoHS2



### Pin Assignment

Conn.1		Conn.2	
CC	A5	A5	A5
DP1	A6	A6	A6
DN1	A7	A7	A7
SBU1	A8	A8	A8
Vconn	B5	B5	B5
SBU2	B8	B8	B8
SSTXp1	A2	A2	A2
SSTXn1	A3	A3	A3
SSRXp2	A11	A11	A11
SSRXn2	A10	A10	A10
SSTXp2	B2	B2	B2
SSTXn2	B3	B3	B3
SSRXp1	B11	B11	B11
SSRXn1	B10	B10	B10
GND (A1,A12,B1,B12)		A1,A12,B1,B12	
Shell		Shell	
VBUS (A4,A9,B4,B9)		A4,A9,B4,B9	

### CABLE Cross Section.:



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