

# DATA SHEET



## 3ft Thunderbolt™ 3 Cable (20Gbps)

Deliver 4K video, data content at 20Gbps, and power between Thunderbolt 3 devices

### OVERVIEW

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Thunderbolt 3 brings lightning speed data transfer, 4K video support, high bit depth audio, and power delivery up to 100W. Get more done with less hassle by carrying one cable to complete nearly any task. Deliver up to 20Gbps to or from a Thunderbolt 3 enabled port. Whether uploading or downloading data, this cable is an ideal solution to transfer large amounts of information such as high resolution photos for editing or storage, 3D models for video game authoring, or HD video for editing.

Ensure that a Thunderbolt 3 equipped laptop, smartphone, or tablet is fully charged and ready to go while displaying video content, transferring files, or streaming audio. Deliver up to 100W of charging power to or from the connected device with smart power delivery. The Thunderbolt 3 cable offers a light-weight, portable, and simple way to deliver video, and data—while staying charged up!

The USB-C connector has a robust design, allowing for the connector to be plugged in and un-plugged up to 10,000 times. The sturdy construction ensures that the product provides peace of mind and is built to stand up to the rigors the most demanding on-the-go life. The USB-C connector has a symmetrical design which is identical on both sides, so it does not matter if you plug it in upside-down or right-side-up. It will plug in the first time, every time while preventing damage to the connector port.

Note: Due to the length limitations of Thunderbolt 3, this cable is capable of 20Gbps. For 40Gbps applications refer to <http://www.cablestogo.com/product/28840>

### FEATURES

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- Supports a top data transfer speed of 20Gbps when connected to Thunderbolt 3 devices
- 4x faster than USB 3.0 and 2x more video bandwidth than HDMI
- Thunderbolt, USB and DisplayPort backward compatible
- Supports 4K 60Hz displays (4096 x 2160 30bpp @ 60 Hz)
- Capable of charging and syncing USB-C mobile devices
- Thunderbolt Networking allows 10Gb Ethernet connection between computers
- Daisy-chain up to six devices

### ITEM DESCRIPTION

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28841      3ft Thunderbolt™ 3 Cable (20Gbps)

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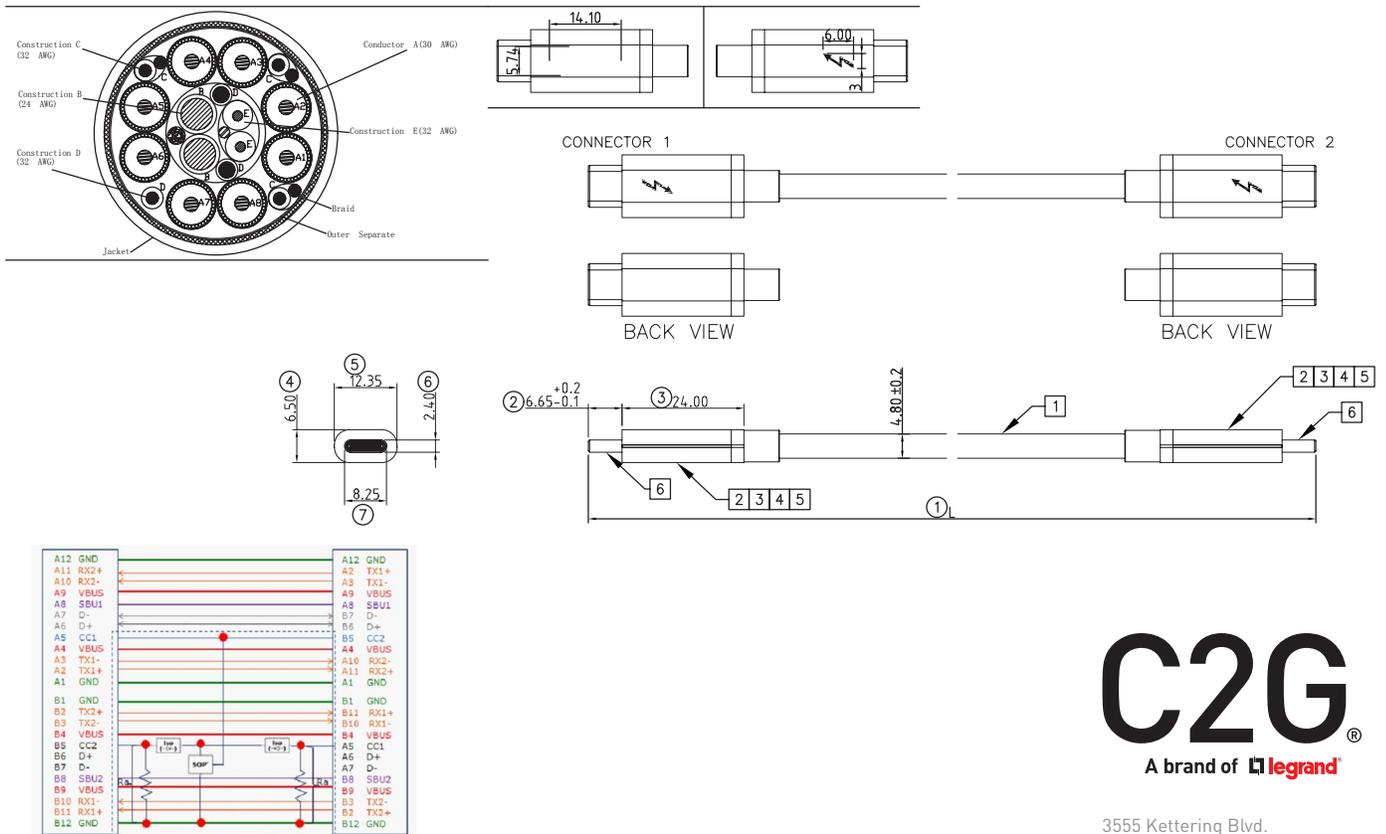
## SPECIFICATIONS: 3ft Thunderbolt™ 3 Cable (20Gbps)

### PHYSICAL SPECIFICATIONS:

- Operating Temperature: Intel Thunderbolt Standard 0 - 50°C ambient
- Storage Temperature: Intel Thunderbolt Standard -20 - 85°C ambient
- Conductor A: 8 Conductors (30AWG)
- Conductor B: 2 Conductors (24AWG)
- Construction C: 3 Conductors (32AWG)
- Construction D: 2 Conductors (32AWG)
- Construction E: 2 Conductors (32AWG)
- Housing: Black Insulation
- Contact: Special Copper C7025
- Plug Shell: Stainless Steel-SUS316L
- Plug EMI: Stainless Steel-SUS304

### ELECTRICAL SPECIFICATIONS:

- Rated Temperature: 80°C ; Voltage: 30 V
- Max Conductor Resistance at 20°C (OHMS/KM) : 30 AWG , 381
- Insulation Resistance: (MIN) 500 MOHMS/KM
- Dielectric Strength (KV DC/1MIN) : 0.5



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A brand of **legrand**

3555 Kettering Blvd.  
Moraine, OH 45439  
Phone: 800.CABL.911  
www.c2g.com

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