

 www.electronic-links.com	<b>Electronic Links International, Inc.</b> 59 Court Street – 2 <sup>nd</sup> Floor Binghamton, NY 13901 USA  Phone US: +1.607.7683340 Phone Italy: +39.348.6578677
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## Thunderbolt 3 / ACTIVE OPTICAL CABLE (40 Gb/s)



### Content

- An optical cable use Thunderbolt technology to deliver great responsiveness with data and display transfers at 40 Gbps in each direction at the same time with no sharing of bandwidth between connectors
- Can be used for daisy-chaining devices
- Low latency with highly accurate time synchronization for professional audio and video applications

### General Specification

- Lengths: 5 meters, 10 meters, 15 meters, 25 meters, 50 meters
- Connector: Type-C connector or compatible
- Color: Black

### Electrical Specification

- Support 2 Lane Operation
- Throughput: 40Gbps TBT Gen3 full duplex operation
- Operational LOP: 0 dBm (min.)
- Power Consumption: 900mW (Typical)
- Operating Voltages: 5V

### Storage and Operation temperature

- Storage Temperature: Intel Thunderbolt Standard -20~85°C ambient.
- Operation Temperature: Intel Thunderbolt Standard 0~50°C ambient.

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### **GENERAL INFORMATION**

- USB Type C connector
- RoHS 3
- Recommends using only Thunderbolt 3 optical cables with macOS
- Does not provide bus power

### **ORDERING PART NUMBERS**

- TB3-005                      Thunderbolt 3 USB-C Optical Cable, 5 meters
- TB3-010                      Thunderbolt 3 USB-C Optical Cable, 10 meters
- TB3-015                      Thunderbolt 3 USB-C Optical Cable, 15 meters
- TB3-025                      Thunderbolt 3 USB-C Optical Cable, 25 meters
- TB3-050                      Thunderbolt 3 USB-C Optical Cable, 50 meters

Note: Thunderbolt and Thunderbolt logo are a trade mark of Intel Corp. U.S. and/or other countries. macOS is a trademark of Apple, Inc. registered in the U.S. and other countries.

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