ADAM TECH



HIGH SPEED USB4™
CONNECTORS & CABLES



Adam Tech's line of USB4 Connectors and Cables boast speeds up to 40Gbps, making them the fastest USB products in the industry. Features include backwards compatibility with the speeds of USB 3.2 and 2.0 Type-C, two-lane operation with existing USB Type-C cables, multiple data and display protocols, and the ability to simultaneously transfer both audio and video over the same connection. These parts are available in a variety of options, including through hole or surface mount connectors, and coaxial or twisted-pair cables.

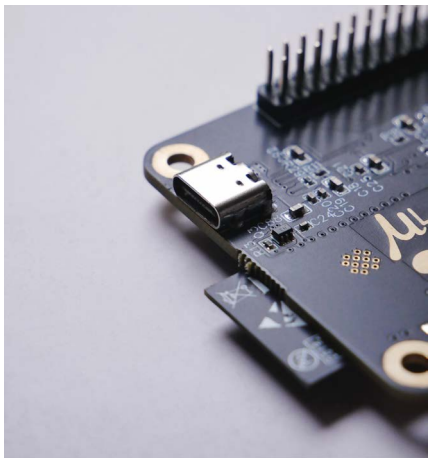
FEATURES AND BENEFITS:

- Speeds up to 40Gbps
- Backwards compatibility with USB 3.2 and USB 2.0 Type-C
- Reversable USB Type -C
- Mating connectors and cables
- Right angle mount orientation connectors
- Through hole or surface mount connectors
- Double-ended USB Type-C plug cables
- Coaxial or twisted-pair cables
- USB-IF certified
- UL recognized
- RoHS compliant

APPLICATIONS:

- Device power charging
- Device data transfer
- Device video and audio transmission
- Multi-media systems
- Computers and peripherals
- Consumer electronics





SPECIFICATIONS:

Material:
Insulator: Hi-temp thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper alloy or brass
Shell: Stainless steel, nickel or gold flash plated

Plating:
Contact area: 30u" gold over nickel underplate
Solder tails: Gold flash or matte tin over nickel underplate

Electrical:
Operating voltage range: 5 to 20V
Current rating range: 3 to 7 Amp
Contact resistance range: 30 to 40 mohms initial
Insulation resistance: 100 Mohms min
Dielectric withstanding voltage: 100 VAC for 1 minute

Mechanical:
Mating cycles: 10,000 insertions

Temperature Rating:
Operating temperature range: -55°C to +105°C

APPROVALS AND CERTIFICATIONS:
USB-IF
UL Recognized File no. E224053



To contact us, scan the QR code to reach our website inquiry form.

adam-tech.com

Created: Oct-2020
Last Revised: Sep-2024

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