# DIGITUS® USB-C - RJ45 Ethernet cable, 1Gbit/s, 2m

**AK-300601-020-S**

**EAN 4016032502029**




**USB-C - RJ45 CAT 6A S/FTP Cable, 1 Gbit/s, 2m USB 3.2 Gen1, LSZH Jacket**

With the Digitus USB-C 3.2 Gen1 - RJ45 Ethernet cable, you can easily connect your USB-C enabled device to a wired network and benefit from a stable and fast Gigabit Ethernet connection. The cable replaces the conventional Ethernet adapter and offers a space-saving, compact solution without additional devices. Ideal for laptops, tablets or smartphones that do not have an integrated LAN connection. It offers fast and reliable connections to the Internet - perfect for video streams, online meetings or data-intensive applications. Thanks to the support of Wake-On-LAN and "RealWoW!" (Wake-On-WAN) technology, you can even activate your device remotely. The safe LSZH (Low Smoke Zero Halogen) casing minimizes smoke development and toxic fumes in the event of fire - ideal for installations in public or sensitive areas. The plug-and-play installation enables immediate use, and the cable is fully compatible with macOS and Windows - without any additional drivers or external power supply. A versatile and secure solution for any setup!

**Fast, reliable network connection via USB-C - ideal for modern devices without an Ethernet port. Experience gigabit speed and seamless plug-and-play installation.**

- Speed: 10/100/1000 Mbps (supports Gigabit Ethernet)
- CAT version: CAT 6A S/FTP
- USB version: USB 3.2 Gen1, downward compatible
- Compatibility exists with the following operating systems up to their current versions: From Windows 7, from macOS 12, from iPhone 15 (iOS) , from iPadOS 16, from Android 14, from ChromeOS 116.0.5845.120, from Linux 22.04 LTS
- Plug-and-play: without driver installation
- Supported: Wake-On-LAN, RealWoW! (Wake-On-WAN) for remote access
- Power: USB-powered, no external power supply required
- Aluminum housing for long-lasting use
- Outer diameter: 6.2 mm, AWG 26
- Chipset: RTL8153E
- Advanced functions:
- Pair-swap, polarity and distortion correction: Improves signal quality and ensures a stable connection, even in difficult network conditions
- Crossover detection and correction: Automatic correction of cable twists ensures reliable communication without connection problems
- Full-duplex flow control in accordance with IEEE 802.3x: Enables bidirectional data transmission simultaneously for efficient network communication
- On-chip buffer support: Temporary storage of data packets ensures stable and continuous data transmission
- Energy efficiency & standards:
- IEEE 802.1P Layer 2 Priority Encoding: Supports network prioritization to optimize performance during simultaneous use.
- IEEE 802.1Q VLAN tagging: Enables network segmentation and improved data management through VLAN support.
- IEEE 802.3az-2010 (EEE = Energy Efficient Ethernet): Supports energy-efficient Ethernet connections to reduce power consumption during low activity.
- Power save mode: Supports power save mode during power off or link power down for even more energy efficiency.

**Attributes**

- AWG: 26
- Color cable: black
- Connector 1: USB C, plug
- Connector 2: RJ45, plug
- Connector surface: nickel-plated
- USB compliance: USB 3.0 / 3.1
- Category: CAT 6A
- Length: 2 m
- Shielding: S-FTP, pairs in metal foil and braid shielding

| Logistics | | | | | | |
|---|---|---|---|---|---|---|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
| **Packaging Unit Carton** | 60 | 6.28 | 32.00 | 50.00 | 21.00 | 33,600.00 |
| **Packaging Unit Inside** | 10 | 1.05 | 40.00 | 35.00 | 2.00 | 2,800.00 |
| **Packaging Unit Single** | 1 | 0.10 | 25.00 | 14.00 | 2.00 | 700.00 |
| **Net single without Packaging** | 1 | 0.08 | 18.00 | 9.00 | 2.00 | 0.00 |

**More images:**




















**Safety notes**

- Overloading can lead to overheating and damage to the appliance or the connected peripherals.
- If necessary, use an external power supply to ensure stable performance.
- If devices such as external hard disks or printers that require a high power consumption are connected, the device should be used with an external power supply. Otherwise, the device could be overloaded or functional problems could occur.
- Do not expose the device to rain, moisture, vapors or liquids.
- Do not insert any objects into the device.
- Do not attempt to repair the unit or open the housing without authorization. You risk an electric shock!
- Ensure adequate ventilation to prevent damage due to overheating.
- Dust, moisture, vapors and strong cleaning agents or solvents can cause damage to the device.
- Disconnect the appliance from the power supply and the connected devices before cleaning.
- Clean the device with a dust-free cloth.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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