

# DIGITUS USB 3.2 Gen1 - RJ45 Ethernet cable, 1Gbit/s, 3m

AK-300600-030-S EAN 4016032501985





### USB-A - RJ45 CAT 6A S/FTP Cable, 1 Gbit/s, 3m USB 3.2 Gen1, LSZH Jacket

With the Digitus USB 3.2 Gen1 - RJ45 Ethernet cable, you can easily connect your USB-A 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 and peripheral devices that do not have an integrated LAN connection. It provides fast and reliable connections to the Internet - perfect for video streaming, 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. Plug-and-play installation enables immediate use, and the cable is fully compatible with macOS and Windows - no additional drivers or external power supply required. A versatile and secure solution for any setup!

## Fast, reliable network connection via USB-A - 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 (5Gbps), downward compatible
- Compatibility exists with the following operating systems up to their current versions: Windows 7 or higher, macOS 12 or higher, ChromeOS 116.0.5845.120 or higher, Linux 22.04 LTS or higher
- 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 A, plug
- Connector 2: RJ45, plug
- Connector surface: nickel-plated
- USB compliance: USB 3.0 / 3.1
- Category: CAT 6A
- Length: 3 m

| Logistics                    |                 |                |               |               |                |           |
|------------------------------|-----------------|----------------|---------------|---------------|----------------|-----------|
|                              | Number<br>(pcs) | Weight<br>(kg) | Depth<br>(cm) | Width<br>(cm) | Height<br>(cm) | cm³       |
| Packaging Unit Carton        | 80              | 5.79           | 32.00         | 50.00         | 21.00          | 33,600.00 |
| Packaging Unit Inside        | 10              | 0.72           | 40.00         | 35.00         | 2.00           | 2,800.00  |
| Packaging Unit Single        | 1               | 0.07           | 25.00         | 14.00         | 2.00           | 700.00    |
| Net single without Packaging | 1               | 0.11           | 15.00         | 15.00         | 2.00           | 0.00      |



#### More images:















#### Safety notes

- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- · Cables must not be kinked sharply or bent at tight angles, as this can damage the inner wires and lead to failures.
- Make sure that the cables are not under tensile load, as this can damage the insulation and the wires inside the cable.
- Ensure that cables are not laid in areas where they can be easily damaged mechanically.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum
  operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately to avoid failures, short circuits or even electric shocks.

#### EU responsible person

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

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