DIGITUS® CAT 8.1 S/FTP patch cable, 0.5 m

DK-1843-005

EAN 4016032499220



CAT 8.1 S-FTP patch cord, Cu, LSZH AWG 24/7, length 0.5 m, color black

The DIGITUS® Category 8.1 Class I patch cables are manufactured and tested according to the ISO/IEC 11801 and DIN EN 50173 CAT 8.1 standard. They guarantee that the cable installation complies with the ISO & EN Channel specification and offer excellent performance in DIGITUS® CAT 8.1 cabling. The performance has been tested up to 2,000 MHz, including performance characteristics such as near-end crosstalk ("NEXT"). The DIGITUS® patch cables have been specially developed to fully meet all requirements in the various application areas. Each cable is equipped with a molded anti-kink grommet with strain relief. In addition, the grommet has a latching lever protection, which prevents the cable from getting caught and the latching lever from breaking off the plug.

The high-end network solution according to the CAT 8.1 standard

- 2 x RJ45 plug connector (PCB)
- RJ45 plug connector 3 ☒ nominal gold-plated over 60 ☒ nickel-primed contact pins
- FO-PE (foamed polyethylene) insulation
- Total diameter 8.0 mm ± 0.2 mm
- Bending radius 15x OD
- Wiring standard EIA/TIA 586B
- Color code orange x white, green x white, blue x white, brown x white
- Pin assignment 1:1
- Contact resistance 750 mating cycles
- Contact resistance 30 m☒ maximum
- Unbalanced resistance 3% maximum
- Insulation resistance 2500 VDC for 3 seconds
- Uninsulated resistance 150 M☒/km minimum
- Operating temperature -20 °C to +60 °C
- NVP 72%
- Flame resistance IEC 60332-1
- Smoke emission IEC 61034
- Typical applications IEEE 802.3 Ethernet (10/100/1000BASE-T)
- PoE according to IEEE 802.3af/at/bt (PoE+, PoE++ type 3 & 4)
- Standards ISO/IEC 11801-1; EN-50173; ANSI/TIA 568-C; EN 60603-7-5

Attributes

- Assortment: Twisted Pair Patch Cables
- Configuration: 1:1
- Category: CAT 8.1
- Shielding: S-FTP, pairs in metal foil and braid shielding
- Length: 0.5 m
- Color: black
- Jacket: LSOH
- Slim Version: no
- Structure: 4 x 2 AWG 24/7, twisted pair
- Flat Version: no

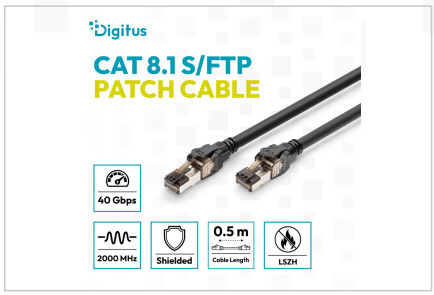
Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	300	16.40	63.00	33.00	33.50	69,646.50
Packaging Unit Inside	1	0.05	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.05	37.00	34.00	1.00	1,258.00
Net single without Packaging	1	0.00	50.00	1.20	1.30	0.00

More images:

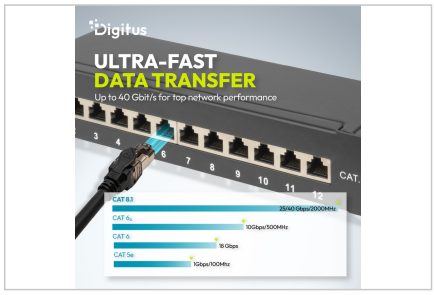














Safety notes

- 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.

ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
https://www.assmann.com
info@assmann.com