



Short Description

High-performance Category 6A U/FTP slim patch cable, designed for flexible installations where space, bending radius and aesthetics are critical. The cable features stranded bare copper conductors, aluminium foil shielding and a slim LSZH jacket, ensuring reliable 10 Gigabit Ethernet performance with excellent EMI protection. Ideal for patch panels, racks and high-density network environments.

Properties

- **Category:** CAT6A U/FTP
- **Conductor:** Stranded bare copper, AWG32
- **Construction:** 4 shielded twisted pairs
- **Shielding:** Aluminium foil per cable
- **Insulation:** HDPE
- **Jacket Material:** LSZH (Low Smoke Zero Halogen)
- **Color:** TBD
- **Bandwidth:** 500 MHz
- **Standards Compliance:** ISO/IEC 11801 Class EA, ANSI/TIA-568.2-D
- **Performance:** Supports 10GBASE-T Ethernet, PoE, PoE+
- **Application:** Patch cable, high-density and space-saving installations

Mechanical specifications

- **Conductor Diameter:** AWG32 stranded
- **Cable Diameter:** ± 4.0 mm
- **Connector Type:** RJ45, 568B wiring
- **Minimum Bending Radius:** $\leq 10 \times$ cable diameter
- **Operating Temperature:** -20°C to $+60^{\circ}\text{C}$
- **Installation Temperature:** 0°C to $+50^{\circ}\text{C}$
- **Jacket Type:** LSZH - halogen-free, low smoke, flame retardant
- **Installation Type:** Indoor use

Electrical Characteristics (20°C)

- **Impedance:** $100 \pm 15 \Omega$ (1-250 MHz)
- **Delay Skew:** ≤ 45 ns / 100 m
- **DC Resistance:** $\leq 9.38 \Omega$ / 100 m
- **NEXT / PSNEXT:** Fully compliant with CAT6A requirements up to 500 MHz

Variations

ART. NR	NAME	DESCRIPTION	MES.	COLOR	
550-050	DKABCAT6AUTPB15B	CAT6A UTP Patchkabel flexibel	15cm	Zwart	
550-051	DKABCAT6AUTPB30B	CAT6A UTP Patchkabel flexibel	30cm	Zwart	
550-052	DKABCAT6AUTPB50B	CAT6A UTP Patchkabel flexibel	50cm	Zwart	
550-053	DKABCAT6AUTPB100B	CAT6A UTP Patchkabel flexibel	100cm	Zwart	
550-054	DKABCAT6AUTPB200B	CAT6A UTP Patchkabel flexibel	200cm	Zwart	
550-055	DKABCAT6AUTPB300B	CAT6A UTP Patchkabel flexibel	300cm	Zwart	
550-250	DKABCAT6AUTPB15BB	CAT6A UTP Patchkabel flexibel	15cm	Zwart	BULK
550-251	DKABCAT6AUTPB30BB	CAT6A UTP Patchkabel flexibel	30cm	Zwart	BULK
550-252	DKABCAT6AUTPB50BB	CAT6A UTP Patchkabel flexibel	50cm	Zwart	BULK
550-253	DKABCAT6AUTPB100BB	CAT6A UTP Patchkabel flexibel	100cm	Zwart	BULK
550-254	DKABCAT6AUTPB200BB	CAT6A UTP Patchkabel flexibel	200cm	Zwart	BULK
550-255	DKABCAT6AUTPB300BB	CAT6A UTP Patchkabel flexibel	300cm	Zwart	BULK



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