



Ethernet Patch Cord U/UTP Cat 6 LSFH, white

Preconnected Ethernet patch cord with RJ45 connector at each end. It is made of a Category-6 data cable, U/UTP type, with a flexible copper inner conductor 24 AWG and outer sheath made of white LSFH (Low Smoke Free of Halogen).

Ref.	209301
Logical ref.	PK6L03V-T
EAN13	8424450237441

Other features

Colour	White
Length	0.30 m

Packaging info

Bag	1 pcs.
------------	--------

Physical data

Net weight	16.00 g
Gross weight	18.00 g
Width	300.00 mm
Height	15.00 mm
Depth	11.00 mm
Main product weight	16.00 g

Highlights

- Category-6 data cable
- U/UTP Unfoiled UTP Cable
- Flexible copper inner conductor (24AWG)
- Compatible with PoE/PoE+ (Power over Ethernet) technology, allowing the cable to power network devices

- PE (Polyethylene) copper conductor insulation, 0.95mm diameter
- LSFH (Low Smoke Free Of Halogen) outer sheath, 0.62mm thick and 5.7mm diameter
- 72% nominal speed
- RJ45 connectors with gold plated connector ends

Technical specifications : Ref. 209301

Type																	U/UTP
Categorie																	Cat 6
Transmission bandwidth																	250MHz
Transfer rate																	1Gbps
Conductor Diameter	mm																0.55
Conductor Material																	Flexible copper
Conductor type AWG																	24
Conductor isolation Diameter	mm																0.96
Conductor isolation Material																	Polyethylene
Crucifix filler																	Yes
Outer sheath Diameter	mm																5.7
Outer sheath Material																	LSFH
Outer sheath Thickness	mm																0.62
Rip cord																	No
Data connector type																	RJ45
Spark Test	Vac																3000
Nominal impedance	Ω																100
Conductor resistance	Ω/km																< 117
Nominal speed	%																72
Working voltage	V																300
Operating temperature	$^{\circ}C$																-25 ... 70
Frequencies		1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31.25 MHz	62.5 MHz	100 MHz	200 MHz	250 MHz				
NEXT (typ.)	dB/100m	74.3	65.3	60.8	59.3	56.3	54.8	53.3	51.9	47.4	44.3	39.8	38.3				
PS NEXT (typ.)	dB/100m	72.3	63.3	58.8	57.3	54.3	52.8	51.3	49.9	45.4	42.3	37.8	36.3				
ACR-F (typ.)	dB/100m	67.8	55.7	49.7	47.8	43.7	41.7	39.8	37.9	31.8	27.8	21.7	19.8				
PS ACR-F (typ.)	dB/100m	64.8	52.7	46.7	44.8	40.7	38.7	36.8	34.9	28.8	24.8	18.7	16.8				
Return losses (typ.)	dB	--	23	24.5	25	25	25	25	24.3	23.6	21.5	20.1	18	17.3			