



## Ethernet Patch Cord U/UTP Cat 6 LSFH, red

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

Supplied in an individual bag.

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<b>Ref.</b>	209041
<b>Logical ref.</b>	PK6L05R-T
<b>EAN13</b>	8424450298664

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### Other features

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<b>Colour</b>	Red
<b>Length</b>	0.50 m

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### Packing

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<b>Bag</b>	1 pcs.
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### Physical data

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<b>Net weight</b>	27.00 g
<b>Gross weight</b>	28.00 g
<b>Width</b>	12.00 mm
<b>Height</b>	505.00 mm
<b>Depth</b>	10.00 mm
<b>Main product weight</b>	27.00 g

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### Highlights

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- 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, 0.96mm diameter
- LSFH (Low Smoke Free Of Halogen) outer sheath, 0.60mm thick and 6mm diameter
- 72% nominal speed
- RJ45 connectors with gold plated connector ends

## Technical specifications : Ref. 209041

Type		U/UTP													
Categorie		Cat 6													
Transmission bandwidth		250MHz													
Transfer rate		1Gbps													
Conductor Diameter	mm	0.2													
Conductor Material		Flexible copper													
Conductor type AWG		24													
Conductor isolation Diameter	mm	0.96													
Conductor isolation Material		Polyethylene													
Crucifix filler		No													
Outer sheath Diameter	mm	6													
Outer sheath Material		LSFH													
Outer sheath Thickness	mm	0.6													
Rip cord		No													
Data connector type		RJ45													
Spark Test	Vac	3000													
Nominal impedance	$\Omega$	100													
Conductor resistance	$\Omega$ /km	< 117													
Nominal speed	%	72													
Working voltage	V	300													
Operating temperature	$^{\circ}$ C	-30 ... 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		
Attenuation (max.)	dB/100m	--	--	--	--	--	--	--	--	--	--	31.7	--		
Return losses	dB	19	19	19	19	18	17.5	17	16.5	14	12	9	8		