

## Data sheet

### Patch cord UTP Cat.6 AWG 24 0.5 m gray

Page 1/3

P/N

130A500511-E

EAN 4250184127246

2015-19-05

## Illustrations



## Product specification

- Cat.6 patch cable AWG 24/7
- Two RJ45 plugs
- Assignment 1 - 1
- Tested Cat.6, Class E per ISO/IEC 11801 and EN 50173-1
- Halogen free
- Boot and cable available in grey
- Standard length 0.5, 1.0, 1.5, 2.0, 3.0, 5.0 and 10.0 m



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Page 2/3

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**Technical Data**

**General Data**

Design	Patch cords
Number of twisting elements	4
Twisting element	Pair
Wiring	1 - 1
Color	gray
Cable length (m)	0.50 m
Cable length (ft)	1.64 ft

**Transmission characteristics**

Category (ISO)	6
Class (ISO/IEC)	E
Category (TIA)	6

**Connections/interfaces**

Connector technology interface 1	RJ45 plug
Connector technology interface 2	RJ45 plug
Termination data, stranded wire (min. - max.)	
Conductor cross section, stranded wire	AWG 24
Conductor cross section, stranded wire	0.610 mm <sup>2</sup>
Conductor diameter, stranded wire (bare copper)	0.024 mm
Conductor diameter, stranded wire (bare copper)	0.227 in.

**Electrical characteristics**

Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max.89 mOhm
Insulation resistance	min. 100 MOhm
Dielectric strength conductor-conductor (primarily)	500 V DC

**Materials and material properties**

Material - Cable jacket	LSOH
Material - Plug housing interface 2	PVC (polyvinyl chloride)
Material - Contact interface 2	CuSn (tin bronze)
Material - Contact finish interface 2	Au (gold)

## Technical Data

### Materials and material properties

Halogen free yes

### Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C -20 - 60 °C

Temperature - Storage °F -4 - 140 °F

Temperature - Operating °C -20 - 60 °C

Temperature - Operating °F -4 - 140 °F

Temperature - Installation °C 0 - 50 °C

Temperature - Installation °F 32 - 122 °F

### The product meets the following standards

Generic cabling systems

General requirements ISO/IEC 11801-1 | DIN EN 50173-1  
TIA/EIA 568-B.2-10

Connectors for electronic equipment

Free and fixed connectors DIN EN 60603-7

### Packing details

Type of packaging 1 pc(s) / plastic bag