

Patch-cord F/UTP Cat.6 PVC ALANTEC 1.0m gray

Part no.: **KKS6SZA1.0**
Manufacture: **ALANTEC**
EAN code: **5901738551633**

Version: **20190422**
Lang.: **EN**



Description

Patch cord is dedicated for cross connections at distribution points or connections between different networking components. Shielded construction for places especially threatened by the impact of electromagnetic interference.
2 x RJ45 plugs , connection 1:1 in sequence 568B.

CONSTRUCTION AND ELECTRICAL CHARACTERISTICS

Category:	6
Class:	E (250MHz)
Twisted element:	4x2x24/7AWG
Insulation:	polyethylene
Screen:	Yes. Polyester tape covered with a layer of aluminum arranged inside, under the screen is earthing wire of tinned copper wire diameter min. 0,4 mm
Jacket:	FRPVC
PoE:	802.3 af
Color:	light gray

ELECTRICAL PROPERTIES at 20°C

Conductor DC Resistance:	$\leq 95 \Omega / \text{km}$
Changing resistance:	$\leq 2\%$
Insulation resistance (500V):	$\geq 5000 \text{ M}\Omega \cdot \text{km}$
Mutual Capacitance at 800 Hz	nom. 48 nF/km
Changing capacitance passive resistance	$\leq 1500 \text{ pF/km}$
Characteristic impedance (1-100MHz)	$(100 \pm 15) \Omega$
Nominal Velocity of Propagation (NVP):	69%
Delay spread	Nominal $\leq 535 \text{ ns/100m}$
Angle spread	Nominal $\leq 20 \text{ ns/100m}$
Tester installation DC, 1 min.:	1000 V

MECHANICAL PROPERTIES

Bend Radius:	4 x overall diameter
Max. pulling force:	80 N
Temperature range - work:	-20°C do + 60°C
Temperature range - instalation:	0°C do + 50°C

Gallery / Certificates



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Standards

- EIA/TIA-568-C.2
- ISO 11801 2nd
- EN 50173 2nd
- EN 50288-3-1
- ISO/IEC 61156-5
- IEC 60332-1
- RoHS II 2011/65/UE
- EN 50575:2014+A1:2016

