

Patch-cord F/UTP Cat.6 PVC ALANTEC 5.0m gray

Part no.: **KKS6SZA5.0**
Manufacture: **ALANTEC**
EAN code: **5901738551664**

Version: **20200320**
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.

Technical Specifications

CONSTRUCTION AND ELECTRICAL CHARACTERISTICS	
Category	6
Class	E (250MHz)
Twisted element	4x2x24/7AWG
Insulation	poliethylene
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

MECHANICAL PROPERTIES

Temperature range - instalation	0°C do + 50°C
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Gallery / Certificates



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Standards

- PN-EN 50173
- ISO/IEC 11801

