MultimediaConnect

DATA SHEET

Ed 1-0524-CT

LK6AFSTLx

CAT6A tool-less full shielded RJ45 keystone jack

BENEFITS

- Class Ea link certified connector
- Easy and fast tool-less termination
- Compact Keystone connector





DESCRIPTION / APPLICATIONS

The LK6AFSTLx shielded category 6A MMC connector is a compact RJ45 socket with tool-less termination . The Keystone format makes it compatible with most enclosures and faceplates on the market, while at the same time its shallow depth ensures excellent management of the bending radius.

- Tool-less termination using a wiring comb equipped with a separator to facilitate unpairing and reduce twisting lengths.
- Permanent Link Class Ea certification
- PCB optimised for high-frequency NEXT values
- 15 year system warranty

PERFORMANCES

CONNECTOR	SYSTEM
60603-7-51 Cat6A	TIA 568-C.2
FCC Part 68 subpart F	ISO 11801 Ed2.2 Class Ea
UL 18663	EN 50173-1
TIA 570-B	IEEE 802.3 af, at et bt (PoE / PoE+ / 4PPoE)

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TECHNICAL PROPERTIES

Cable type :	Stranded AWG26 to AWG24 Solid AWG26 to AWG23	Dimensions : 28,25 x 16 x 22 mm (H x W x D) Body : Zamac
Cable diameter :	8,5 mm Max.	Contacts : Bronze + Platine / Cu + SnPb 80µ
Conductors diameter :	1.3 mm Max.	Color code : TIA 568B

ELECTRICAL PROPERTIES

Contact resistance :	≤ 20 mΩ	IEC 60512-2-1 Test 2a
Isulation resistance :	≥ 500 MΩ 100 Vdc	IEC 60512-3-1 Test 3a
Line voltage :	> 1000 Vdc contact to contact > 1500 Vdc contact to ground	IEC 60512-4-1 Test 4a Méthod A
Insertion cycle :	> 1000	
Operating voltage :	< 72 Vdc	
Power capacity :	90 W (4PPoE)	

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	PACKING
LK6AFSTL8	Full shielded CAT6A RJ45 keystone jack Link+ range	Bag of 8
LK6AFSTL50	Full shielded CAT6A RJ45 keystone jack Link+ range	Box of 50

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