BC6AFSTLx

Tool Less CAT6A 360° shielded RJ45 Keystone Jack

BENEFITS

- Component and 4pPoE certifed
- Universality: adapted to all Keystone panel and faceplate
- Bending radius of the connected cable optimized : compact connector





DESCRIPTION / APPLICATIONS

BC6AFSTL is a tool-less RJ45 CAT6A 360° shielded connector. It provides performances in accordance with cabling standards thanks to its features:

- Tooless termination
- Compact : compatible with a big part of face plate (28.25 mm)
- Universal keystone type
- Equipped with a translucent wire sorting insert bar to allow easy visual inspection of wiring
- Optimized printed circuit to improve high frequencies crosstalk performance
- Visibility of the code color to ensure a visual monitoring during connection
- Metal contact for the grounding on the patch panel
- Dust shutter (optional) in different color (red, yellow, blue, white and gree

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PERFORMANCES

CONNECTOR	SYSTEM
IEC 60603-7-51 CAT6A	TIA 568.2-D CAT6a
FCC Part 68 subpart F	ISO 11801 Ed3
TIA 570-B	EN 50173-1
UL 18663	IEEE 802.3bt (4pPoE)

TECHNICAL PROPERTIES

IDC	Bronze + Platinum / Cu
Cable type	AWG26 to AWG23 solid and stranded
Contact	Bronze, Platinum Ni and Gold 1.2µm
Color code	TIA 568 A & B

ELECTRICAL PROPERTIES

Contact resistance	< 20 mΩ IEC 60512-2-1 Test 2a
Insulation resistance	> 500MΩ @100V DC IEC 60512-3-1 Test 3a
Tension	> 1000V DC contact to contact >1500V DC contact to screen (IEC 60512-4-1 Test 4a Method A)
Insertion cycle	> 1000
Operating voltage	< 72V DC
Power rating	90W (4PPoE) - Test IEC 60512-99-002 - 2A per wire
Operating Temperature	-40°C to +70°C

RELATED PRODUCT

PART NUMBER	DESIGNATION	PACKING
BCDUSTSHx8	Dust shutter for BCTL connectivity	8
BC451C8	45 x 45 mm face plate for RJ45 keystone connector - 1 port	8
BC452C8	45 x 45 mm face plate for RJ45 keystone connector - 2 ports	8
BCPAN1U	19" patch panel 1U 24 ports	8
BCPAN2U	19" patch panel 2U 48 ports	8

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	PACKING
BC6AFSTL8	RJ45 CAT6A 360° shielded tooless connector	8
BC6AFSTL50	RJ45 CAT6A 360° shielded tooless connector	50

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