

BC range CAT6A RJ45 keystone 360° shielded toolless version



DESCRIPTION

- TOOLES TERMINATION
- TWO BACK CAPS LINKED TO THE CONNECTOR'S BODY (NO LOOSE PARTS)
- 360° SHIELDING: DIRECT CONTACT WITH THE CABLE ENSURED BY AN ADJUSTABLE FLANGE
- 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
- ACCORDING TO THE STANDARD ISO11801 AMD 2.0
- 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 GREEN)

PERFORMANCES

The performances of the connectors correspond to the limits defined by the following standards:

CONNECTOR	SYSTEM
IEC 60603-7-51	EIA/TIA 568-C.2
EN 60603-7-51	ISO 11801 ED 2 AMD 2
FCC PART 68 SUBPART F	EN 50173-1
TIA 570-B	IEEE 802.3 AF POE
UL 18663	IEEE 802.3 AT POEP

TECHNICAL PROPERTIES

CONNECTORS	SYSTEM
CONNECTION WITHOUT TOOL BY CAD	BRONZE + PLATINE/CU + SNP8 80µ"
SOLID AND FLEXIBLE CONDUCTOR	FROM AWG26 TO AWG22
MAXIMUM INSULATION DIAMETER	1.3 MM
MAXIMUM CABLE DIAMETER	8.5 MM
CONTACTS	BRONZE, PLATINE NI+AU 1.2µm
METAL BODY	ZAMAC
COLOR CODE	T568A ET T568B

ELECTRICAL PROPERTY

CONNECTORS	
CONTACT RESISTANCE	≤ 20 MΩ IEC 60512-2-1 TEST 2A
INPUT/OUTPUT RESISTANCE	≤ 200 MΩ IEC 60512-2-1 TEST 2A
INSULATION RESISTANCE	≥ 500 MΩ @ 100V DC IEC 60512-3-1 TEST 3A
VOLTAGE	≥ 1000V DC CONTACT TO CONTACT, ≥ 1500V DC CONTACT TO SCREEN, (IEC 60512-4-1 TEST 4A METHOD A)
CYCLES OF INSERTION	> 1000
OPERATING VOLTAGE	≤ 72V DC
CAPACITY OF POWER	≤ 30W
DISTURBANCE OF VIBRATION	≤ 10 µS (3 AXIS) (IEC 60512-4-1 TEST 2E)
OPERATING TEMPERATURE	-40°C TO +70°C

RELATED PRODUCTS

ITEM NO	DESIGNATION	PACKAGING	NVG#
BCDUSTSHBL8	WHITE DUST SHUTTER	8	1010208/V
BCDUSTSHB8	BLUE DUST SHUTTER	8	1010208/B
BCDUSTSHV8	GREEN DUST SHUTTER	8	1010208/G
BCDUSTSHR8	RED DUST SHUTTER	8	1010208/R
BCDUSTSHJ8	YELLOW DUST SHUTTER	8	1010208/GU

ORDER INFORMATION

ITEM NO	DESIGNATION	SHIELDING	PACKAGING	NVG#
BC6AFSTL	RJ45 BC CONNECTOR 360° SHIELDED TOOLESS CATEGORY 6A	FULL SHIELDED	UNIT	1010230