

# CAT6 UTP RJ45 Keystone modular jack « BC » range



## DESCRIPTION

- COMPACTNESS OF BC CONNECTOR IMPROVES CABLE'S MANAGEMENT AND OBSTRUCTION
- EQUIPPED WITH A TRANSLUCENT WIRE SORTING INSERT BAR TO ALLOW EASY VISUAL INSPECTION OF WIRING
- TERMINATION WITH PUNCH DOWN TOOL OR WITH BCTOOL
- VISIBILITY OF THE CODE COLOUR TO ENSURE A VISUAL MONITORING DURING CONNECTION
- UNIVERSAL KEYSTONE TYPE

## PERFORMANCES

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

CONNECTOR	SYSTEM
IEC 60603-7	EIA/TIA 568-C.2 CAT6
EN 60603-7-4	ISO 11801 ED2.2 CLASS E
FCC PART 68 SUBPART F	EN 50173 ED2.2 CLASS E
TIA-570-B	
UL 1863	

## 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 À 100V DC. IEC 60512-3-1TEST 3A
VOLTAGE	≥ 1000V DC CONTACT TO CONTACT (IEC 60512-4-1 TEST 4A METHOD A)
CYCLES OF INSERTION	> 1000
INTENSITY	≤ 0.175 MA BY CONDUCTOR
OPERATING VOLTAGE	≤ 72V DC
CAPACITY OF POWER	≤ 15W
DISTURBANCE OF VIBRATION	≤ 10 μS (3 AXES) (IEC 60512-4-1 TEST 2E)

## TECHNICAL PROPERTIES

## CONNECTORS

## SYSTEM

TERMINATION BY IDC	BRONZE + PLATINE/CU + SNPB 80μ”
SOLID CONDUCTOR	AWG 24, AWG 23 AND AWG 22
CONTACTS	BRONZE, PLATINE NI+AU 1.2 μm
BODY	ABS UL94V0
OPERATING TEMPERATURE	-40°C TO 70°C
COLOUR CODE	T568A AND T568B

## BC861

## RELATED PRODUCTS

ITEM NO	DESIGNATION	PACKAGING	NVG#
BC700L	TERMINATION TOOL FOR BC CONNECTIVITY	UNIT	7010008
BCPANXUY	PATCH PANEL	UNIT	1010107
BC45XC	45X45 FACE PLATE 1 PORT	UNIT	4010140
BC45XC	45X45 FACE PLATE 2 PORTS	UNIT	4010141
BC861	86X86 FACE PLATE 1 PORT	UNIT	4010138
BC862	86X86 FACE PLATE 2 PORTS	UNIT	4010139

## ORDER INFORMATION

ITEM NO	DESIGNATION	PACKAGING	NVG#
BC6NB	CAT6 UTP RJ45 MODULAR JACK BASIC RANGE	UNIT	1010209