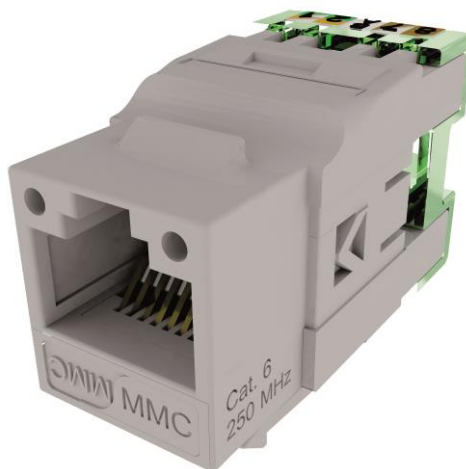


REF: BC6xx

CAT6 UTP RJ45 Keystone modular jack « BC » range



BC6NB

Descriptions

- 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

Standards et performances

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

CONNECTOR	SYSTEME
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 properties

Connectors	
Resistance of contact	$\leq 20 \text{ m}\Omega$ IEC 60512-2-1 Test 2a
Resistance of input/output	$\leq 200 \text{ m}\Omega$ IEC 60512-2-1 Test 2a
Resistance of insulation	$\geq 500 \text{ m}\Omega$ à 100V DC. IEC 60512-3-1 Test 3a
Voltage	$\geq 1000\text{V}$ DC contact to contact (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 1000
Intensity	$\leq 0.175\text{mA}$ by conductor
Operating voltage	$\leq 72\text{V}$ DC
Capacity of power	$\leq 15\text{W}$
Disturbance of vibration	$\leq 10\mu\text{s}$ (3 axes) (IEC 60512-4-1 Test 2e)

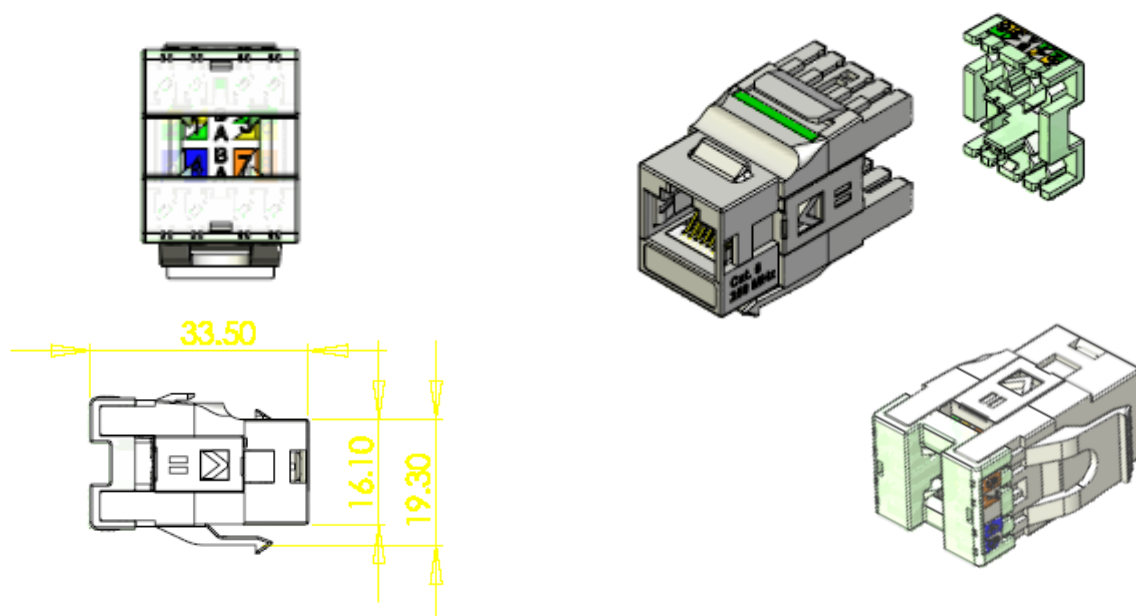
REF: BC6xx

CAT6 UTP RJ45 Keystone modular jack « BC » range

Technical properties

Connectors	
Termination by IDC	Bronze + platine / Cu + SnPb 80µ"
Solid conductor	AWG 24, AWG 23 and AWG 22
Contacts	Bronze, platine Ni+Au 1.2µm
Body	ABS UL94V0
Operating temperature	-40°C to 70°C
Colour code	T568A and T568B

3D Picture



Related product

Part number	Designation	Packaging
BCTOOL	Termination tool for BC connectivity	Unit
BCPANxUy	Patch panel	Unit
BC45xC	45x45 Face plate 1 or 2 ports	50

Ordering information

Item No	Description	Packaging
BC6NB	CAT6 UTP RJ45 modular jack BASIC range	50
BC6NB8	CAT6 UTP RJ45 modular jack BASIC range	8