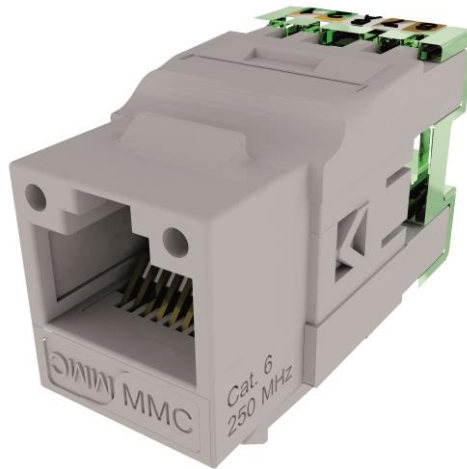## REF: BC6xx

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	≤ 20 mΩ IEC 60512-2-1 Test 2a
Resistance of input/output	≤ 200 mΩ IEC 60512-2-1 Test 2a
Resistance of insulation	≥ 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	≤ 0.175mA by conductor
Operating voltage	≤ 72V DC
Capacity of power	≤ 15W
Disturbance of vibration	≤ 10µs (3 axes) (IEC 60512-4-1 Test 2e)

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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
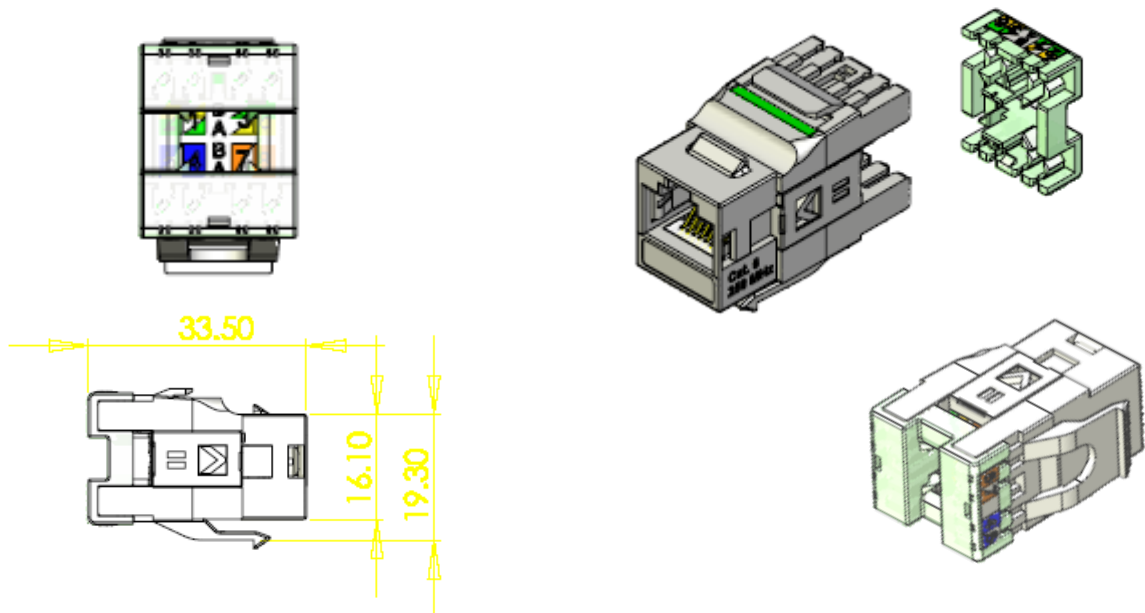
Related product

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

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