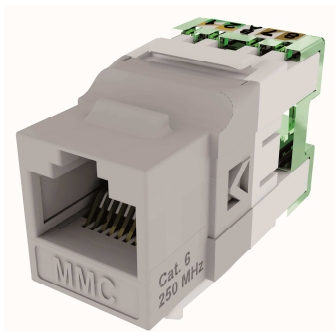
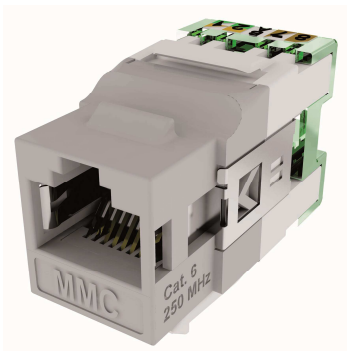


## REF: BC6xx

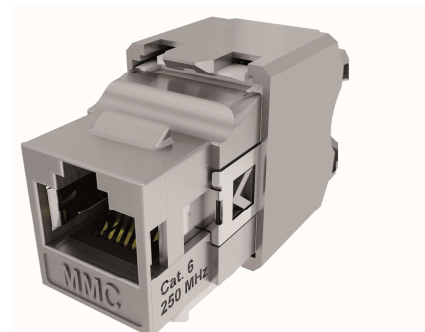
RJ45 Keystone Connector « BC » range Category 6



BC6NB



BC6AN



BC6FS

## 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
- Connecting without tool or with BCTOOL
- Visibility of the code colour to ensure a visual monitoring during connection
- Metal contact for the grounding on the patch panel for AN and FS version
- Connexion point to connect the drain wire in AN version and 360° shielded in FS version
- 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-B.2-1 Category 6
EN 60603-7-4	ISO 11801 Edition 2
FCC Part 68 Subpart F	EN 50173 Edition 2
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 60512-3-1Test 3a
Voltage	$\geq 1000\text{V DC}$ contact $\geq 1500\text{V DC}$ shield (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 750
Intensity	$\leq 0.175\text{mA}$ by conductor
Operating voltage	$\leq 72\text{V DC}$
Capacity of power	$\leq 10\text{W}$
Disturbance of vibration	$\leq 10\mu\text{s}$ (3 axes) (IEC 60512-4-1 Test 2e)

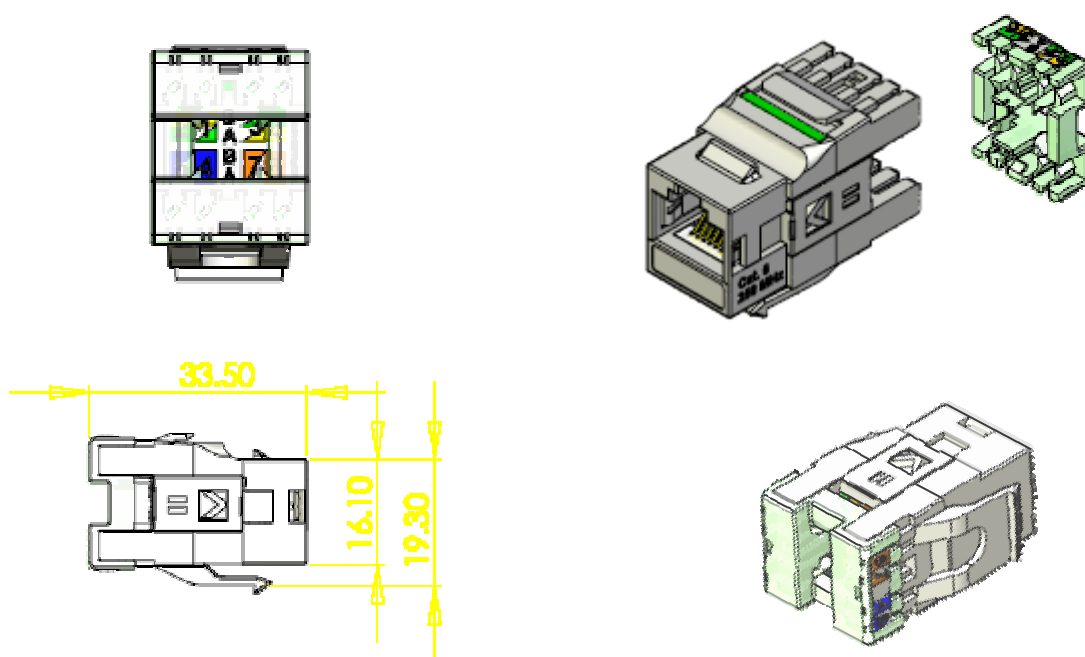
## REF: BC6xx

RJ45 Keystone Connector « BC » range Category 6

### Technical properties

Connectors	
Connection without tool by CAD	Bronze + platine / Cu + SnPb 80µ"
Solid conductor	AWG 24, AWG 23 and AWG 22
Contacts	Bronze, platine Ni+Au 1.2µm
Metal body	ABS or PC UL94V0
Operating temperature	-40°C to 70°C
Colour code	T568A and T568B

### 3D Picture



### Related product

Part number	Designation	Packaging
BCPANxUy	Patch panel	Unit
BC45xC	Face plate	Unit

### Ordering information

Item No	Designation	Shielding	Packaging
BC6NB	RJ45 BASIC connector unshielded category 6	Unshielded	8 or 50
BCAN	RJ45 BASIC connector half-shielded category 6	Half-shielded	8 or 50
BC6FS	RJ45 BASIC connector full-shielded category 6	Full-shielded	8 or 50