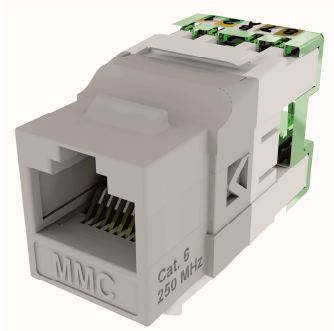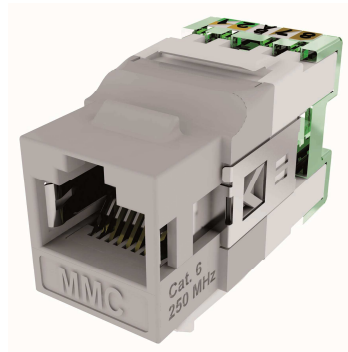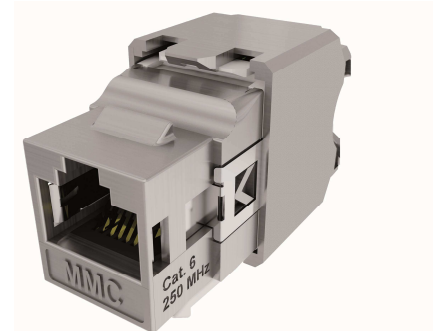## REF: BC6xx

RJ45 Keystone Connector « BASIC » range Category 6

BC6NB

BC6AN

BC6FS

Descriptions

- Compactness of BASIC 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 version
- Connexion point to connect the drain wire in AN 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

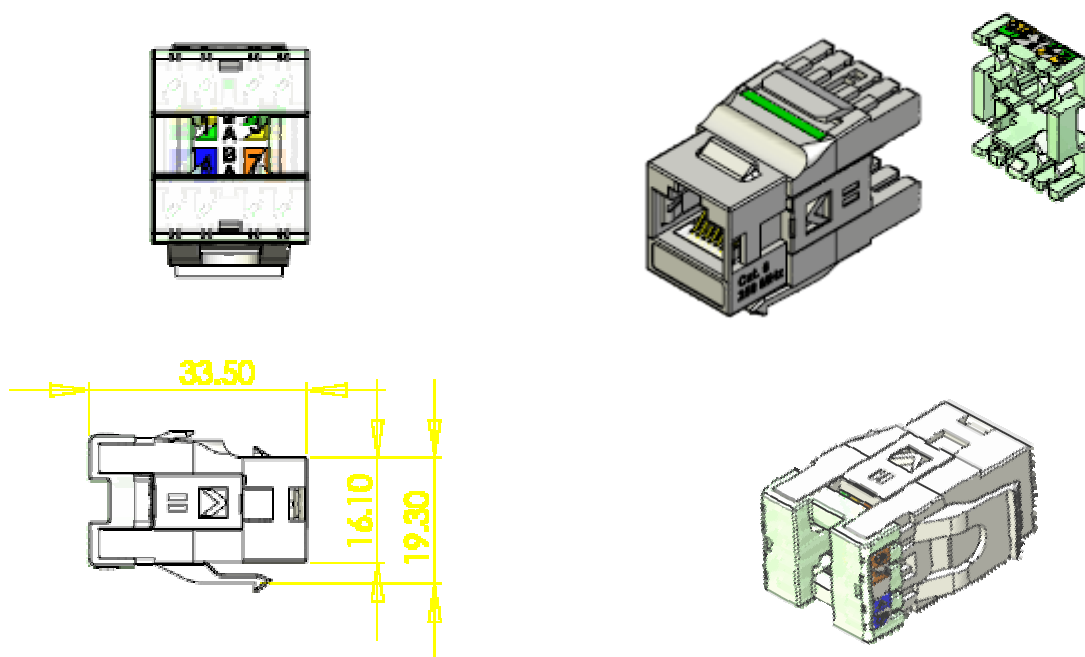|	
Resistance of contact	≤ 20 mΩ IEC 60512-2-1 Test 2a
Resistance of input/output	≤ 200 mΩ IEC 60512-2-1 Test 2a
Resistance of insulation	≥ 500 mΩ à 100V d.c. IEC 60512-3-1Test 3a
Voltage	≥ 1000V d.c. contact ≥ 1500V d.c. shield (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 750
Intensity	≤ 0.175mA by conductor
Operating voltage	≤ 72V d.c.
Capacity of power	≤ 10W
Disturbance of vibration	≤ 10µs (3 axes) (IEC 60512-4-1 Test 2e)

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REF: BC6xx

RJ45 Keystone Connector « BASIC » 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**
Colour code	**T568A and T568B**

3D Picture

Related product

Réf.	Designation	Conditioning
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

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