REF: BC5ENB

RJ45 Keystone modular jack« BC » range - CAT 5e Unshielded

BC5ENB

Descriptions

- CAT5e UTP modular jack
- 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 with BCTOOL or punch down termination
- 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 60603-7-1	**EIA/TIA 568-B.2-1 Category 5e**
FCC Part 68 Subpart F	**ISO 11801 Edition 2 Class D**
TIA-570-B	**EN 50173 Edition 2**

Electrical properties

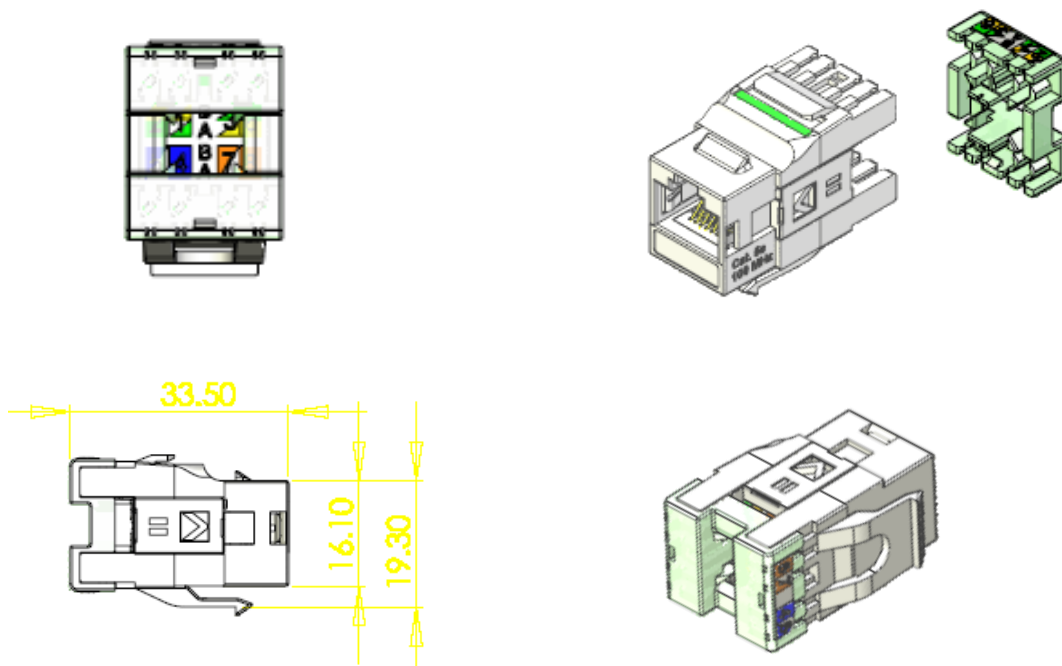| **Connectors**	
Resistance of contact	**≤ 20 mΩ IEC 60512-2-1 Test 2a**
Resistance of input/output	**≤ 200 mΩ IEC 60512-2-1 Test 2a**
Resistance of insulation	**≥ 500 mΩ @ 100V DC IEC 60512-3-1Test 3a**
Voltage	**≥ 1000V DC contact to contact**
Cycles of insertion	**> 1000**
Intensity	**≤ 0.175mA by conductor**
Operating voltage	**≤ 72V DC**
Capacity of power	**≤ 10W**
Disturbance of vibration	**≤ 10µs (3 axes) (IEC 60512-4-1 Test 2e)**

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Technical properties

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

3D Picture

Related product

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

Ordering information

Item No	Designation	Shielding	Packaging
BC5ENB	RJ45 BASIC connector unshielded category 5e	Unshielded	50

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