

BC5EAN



BC5ENB

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 5e
FCC Part 68 Subpart F	ISO 11801 Edition 2
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 60512-3-1 Test 3a
Voltage	≥ 1000V DC contact ≥ 1500V DC shield (for AN version) (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 750
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)

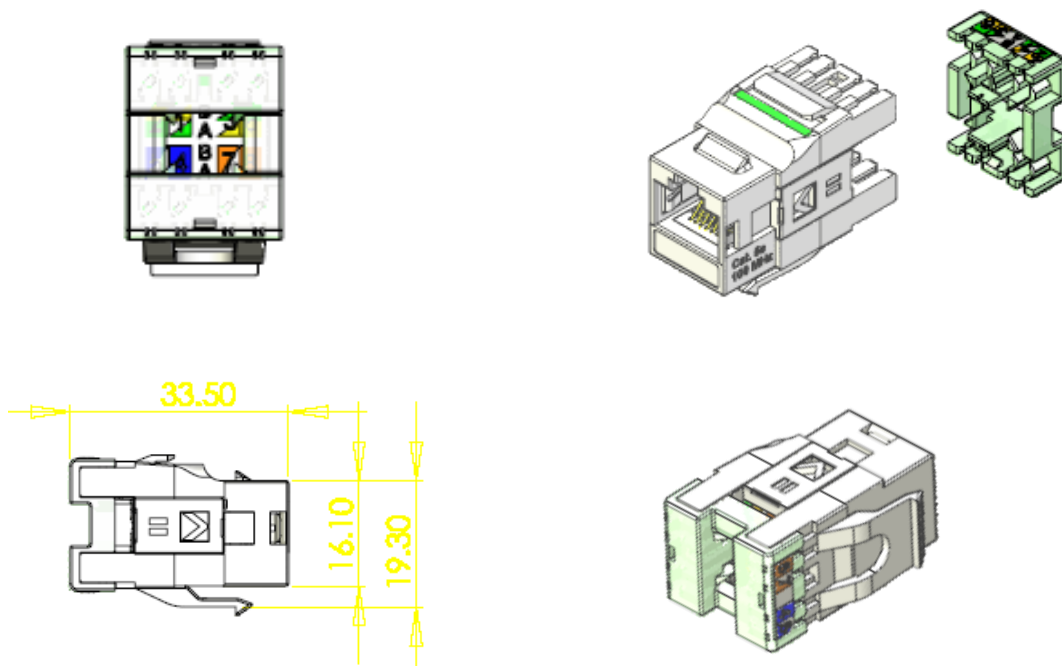
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RJ45 Keystone Connector « BASIC » range category 5e

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
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
BC5EAN	RJ45 BASIC connector half-shielded category 5e	Half-shielded	50