

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

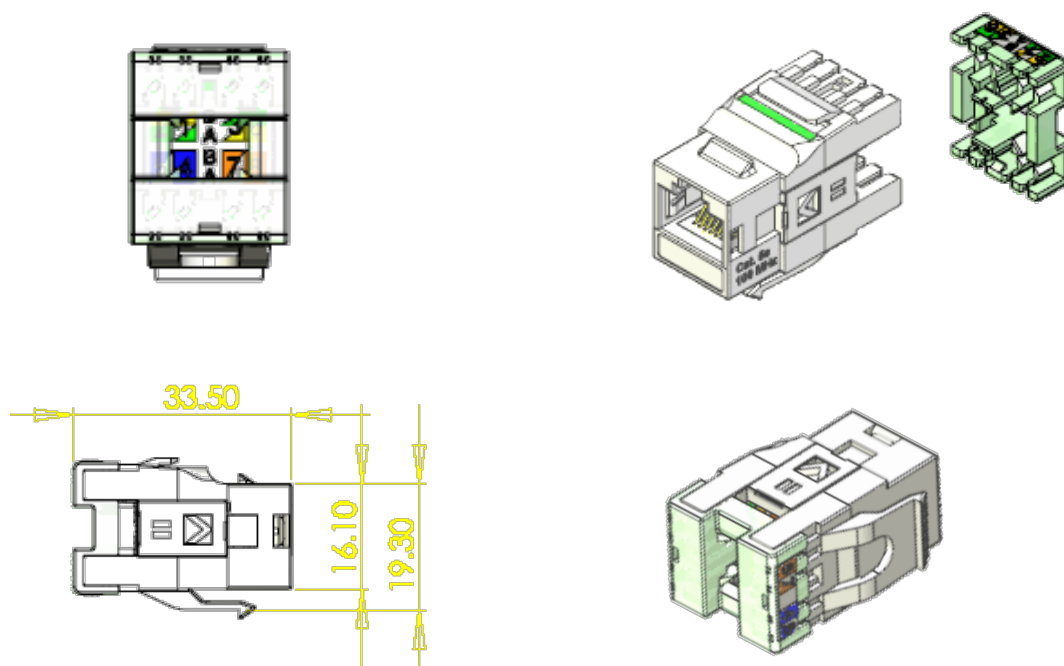
Electrical properties

Connectors	
Resistance of contact	$\leq 20 \text{ m}\Omega$ 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 d.c. IEC 60512-3-1 Test 3a
Voltage	$\geq 1000\text{V d.c. contact}$ $\geq 1500\text{V d.c. shield}$ (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 750
Intensity	$\leq 0.175\text{mA}$ by conductor
Operating voltage	$\leq 72\text{V d.c.}$
Capacity of power	$\leq 10\text{W}$
Disturbance of vibration	$\leq 10\mu\text{s}$ (3 axes) (IEC 60512-4-1 Test 2e)

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

Réf.	Designation	Conditioning
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