



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
- 360° shielded
- Universal Keystone type

Standards et performances

The performances of the connectors correspond to the limits defined by the standards following :

CONNECTOR	SYSTEME
IEC 60603-7-3	EIA/TIA 568-C.2 Category5e
EN 60603-7-3	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 60512-3-1 Test 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	> 1000
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)

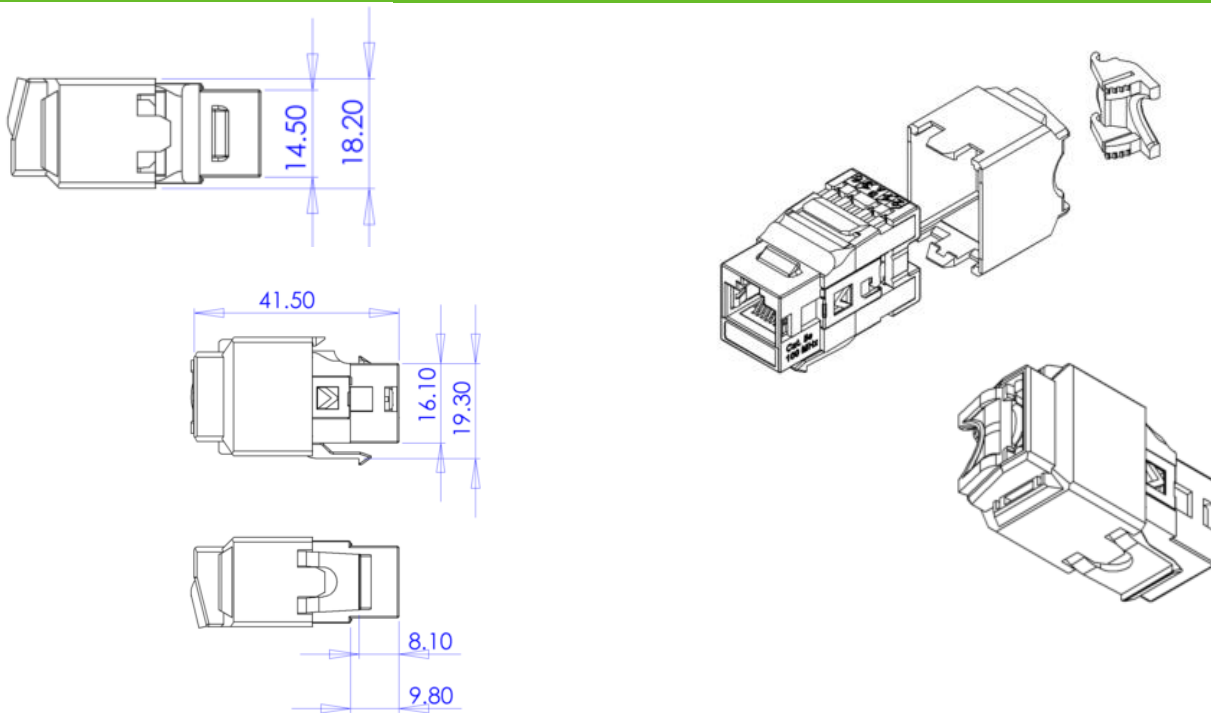
REF: BC5EFS

RJ45 Keystone « BC » range Category 5E Full Shielded

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	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 BC range	Unit
BC86xC	Face plate 86x86	Unit

Ordering information

Item No	Designation	Shielding	Packaging
BC5EFS	RJ45 BASIC connector full-shielded category 5e	Full-shielded	8 or 50