

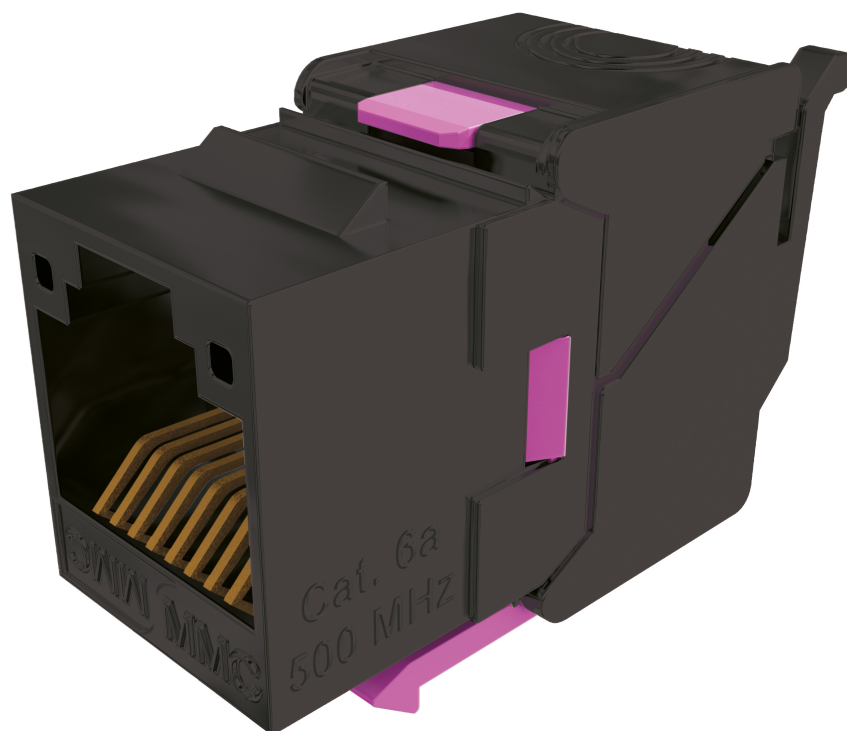
BC6ANBTL50

Cat6A UTP toolless RJ45 connector - BC
range - Box of 50



DESCRIPTION

Unshielded Category 6A RJ45 Keystone connector.
Tool-less termination. Component-certified.
Box of 50 pieces



ADVANTAGES

- Cat 6a component-certified connector
- 25 year warranty
- 4PPoE IEC 60512-99-002 certified
- Keystone format
- Compact connector



Updated: 1/02/2026

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CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	BC6ANBTLxxy
Color	Black
Connector Format	Keystone
Core Material	ABS body
Dimensions (W x D x h)	21,91 x 16 x 28,25 mm
Shielding	Unshielded
Coding Type	Colour code 568 A et B
Max Compatible Conductor Diameter (mm)	130
Inserter Type	Wiring comb
Cover Material	PC UL94V0
CAD Nature	Bronze + Platinum / Cu + SnPb 80 µ
Contact Nature	Bronze, Nickel Platinum and Gold 1.2 µm
Grounding	No
Compatible Cable Type	Rigid and flexible
Cable Entry Type	Axial
Compatible Gauge Type	AWG26 to AWG23
Max Compatible Cable Diameter (mm)	850

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	> 1000 Vdc contact à contact
Admissible power	90W
Contact resistance	< 20 mΩ IEC 60512-2-1 Test 2a
Operating voltage	< 72 Vdc
PoE type	IEC 802.3bt (4PPoE)
Electronic Compensation	Optimized PCM circuit

TRANSMISSION CHARACTERISTICS

Performance Category	Category 6A
Data Transmission Standard	TIA 568.2-D CAT6A

MECHANICAL CHARACTERISTICS

Insertion Cycle	> 1000
Locking Type	Two back caps linked to the connector body providing simplified locking of the connector

ENVIRONMENTAL CHARACTERISTIC

Independent lab certification	Yes
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ENVIRONMENTAL CHARACTERISTIC

IP rating	IP20
RoHS Compliance	RoHS compliant
Operating Temperature	-40°C +70°C
Component Standard	IEC 60603-7-51

ADDITIONAL INFORMATION

System Warranty	25 years
Product Packaging	Box
Weight (Kg)	0.01