

BC6AFSTLBW100

**CAT6A 360° shielded RJ45 connector for
AWG22 cables - Box of 100**



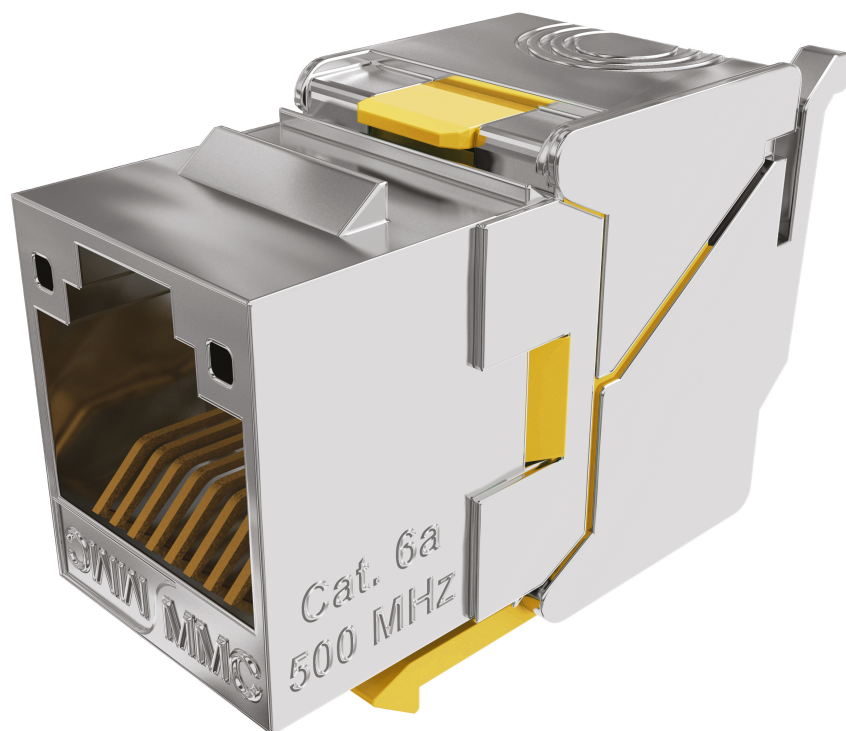
DESCRIPTION

RJ45 Keystone connector Category 6A 360° shielded Keystone type dedicated to AWG22 cables.

Tool-free termination.

Component certified.

Packaged in quantities of 100.



ADVANTAGES

- Optimized for connection with AWG22 conductors
- Cat6a 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	BC6AFSTLBWxx
Color	Metal
Connector Format	Keystone
Core Material	Zamak shielded body
Dimensions (W x D x h)	21,91 x 16 x 28,25 mm
Shielding	Full Shielded
Coding Type	Colour code 568 A et B
Max Compatible Conductor Diameter (mm)	145
Inserter Type	Wiring comb
Cover Material	Zamak
CAD Nature	Bronze + Platinum / Cu + SnPb 80µ
Contact Nature	Bronze, Nickel Platinum and Gold 1.2 µm
Grounding	360°
Compatible Cable Type	Rigid
Cable Entry Type	Axial
Compatible Gauge Type	AWG24 to AWG22
Max Compatible Cable Diameter (mm)	850

ELECTRICAL CHARACTERISTICS

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

TRANSMISSION CHARACTERISTICS

Performance Category	Category 6A
Data Transmission Standard	EN 50173-1: 2011 Classe Ea, ISO 11801 ED3, 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

ADDITIONAL INFORMATION

System Warranty	25 years
Product Packaging	Box of 100
Weight (Kg)	0.021