

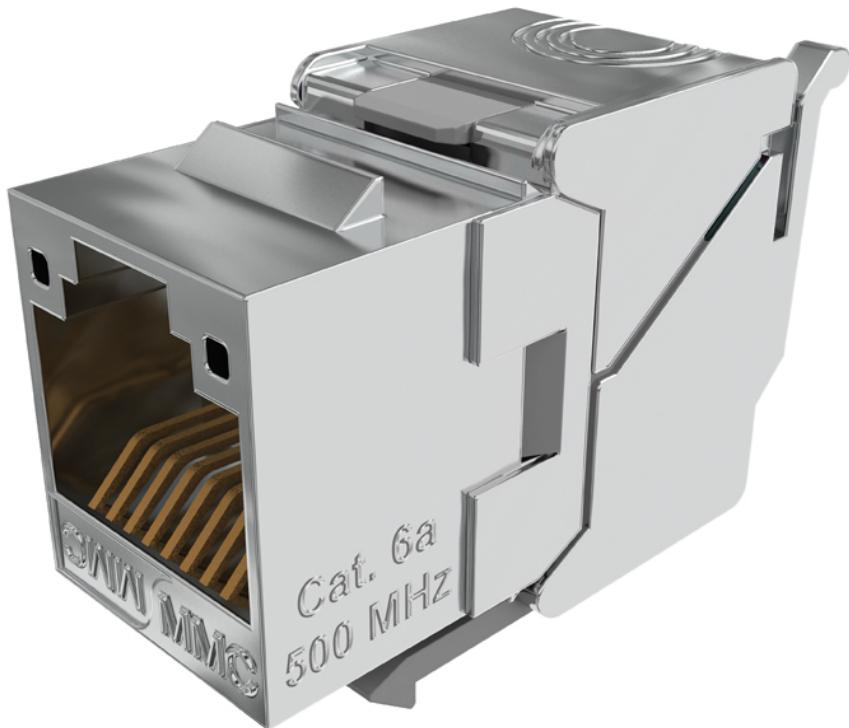
LK6AFSTL50

**RJ45 Cat6A 360° shielded Keystone
tool-less connector Link+**



DESCRIPTION

Tool-free 360° shielded RJ45 Cat6A connector from the Link+ range in Keystone format, ISO 11801 PL2 Class Ea certified, with quick-connect termination, suitable for LAN and MAN applications up to 10 Gbit/s (IEEE 802.3an), compatible with voice, data and power up to PoE+.



ADVANTAGES

- Class Ea certified connector
- 15 year warranty
- Keystone format

CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	LK6AFSTLxy
Color	Metal
Connector Format	Style 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 B
Max Compatible Conductor Diameter (mm)	130
Inserter Type	Wiring comb
Cover Material	Zamak
CAD Nature	Bronze + Platinum / Cu + SnPb 80μ
Contact Nature	Bronze + Platinum Ni and Au 1.2μm
Grounding	Yes
Compatible Cable Type	Rigid and flexible
Compatible Gauge Type	AWG26 to AWG23
Max Compatible Cable Diameter (mm)	850

ELECTRICAL CHARACTERISTICS

Admissible power	< 30 W
Contact resistance	< 20 mΩ IEC 60512-2-1 Test 2a
Operating voltage	< 72 Vdc
PoE type	IEEE 802.3at (PoEP)
Electronic Compensation	Optimized PCB Circuit

TRANSMISSION CHARACTERISTICS

Performance Category	Category 6A
----------------------	-------------

MECHANICAL CHARACTERISTICS

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

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	15 years
Product Packaging	Bag