

## LK6NBTL8

**Cat6 toolless unshielded RJ45 connector**  
- Link+ range - Bag of 8



## DESCRIPTION

The LK6NBTL Category 6 360° unshielded RJ45 connector has a toolless connection via a pin connector strip. The connector, which is link-certified from an independent laboratory, ensures transmission at 1Gbit/s while offering a low error rate. Its keystone format makes it compatible with all common boxes and faceplates while ensuring excellent management of the bend radius thanks to its shallow depth.



## ADVANTAGES

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



## CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	LK6NBTLxy
Color	Black
Connector Format	Keystone
Core Material	Corps ABS
Dimensions (W x D x h)	21,91 x 16 x 28,25 mm
Shielding	Unshielded
Coding Type	Colour code 568 B
Max Compatible Conductor Diameter (mm)	120
Inserter Type	Peigne de câblage
Cover Material	PC UL94V0
CAD Nature	Bronze + Platine / Cu + SnPb 80μ
Contact Nature	Bronze + Platine Ni and Au 1.2μm
Grounding	Non
Compatible Cable Type	Rigide et souple
Cable Entry Type	axiale
Compatible Gauge Type	AWG26 à AWG23
Max Compatible Cable Diameter (mm)	850

## ELECTRICAL CHARACTERISTICS

Service Voltage (V)	> 1000 Vdc contact à contact
Admissible power	? 30 W
Contact resistance	< 20 m? IEC 60512-2-1 Test 2a
Operating voltage	< 72 Vdc
PoE type	IEC 802.3at (PoEP)
Electronic Compensation	Circuit PCB optimisé

## TRANSMISSION CHARACTERISTICS

Performance Category	Category 6
Data Transmission Standard	EIA/TIA 568-C.2 Cat6, EN 50173-1: 2011 Classe E, ISO / IEC 11801 Ed2 Class E

## MECHANICAL CHARACTERISTICS

Insertion Cycle	> 1000
Locking Type	Deux Ailettes rattachées au corps du connecteur offrant un verrouillage simplifié du connecteur

## ENVIRONMENTAL CHARACTERISTIC

Independent lab certification	Yes
IP rating	IP20
RoHS Compliance	Conforme RoHS
Operating Temperature	-40°C +70°C
Component Standard	IEC 60603-7-4

## ADDITIONAL INFORMATION

System Warranty	15 years
Product Packaging	Bag
Weight (Kg)	0.01