



## KJ-Series Modular Jack, RJ45, Cat6 Unshielded, Black

### Product Classification

<b>Regional Availability</b>	North America
<b>Portfolio</b>	Uniprise®
<b>Product Type</b>	Modular jack
<b>Product Series</b>	UKJ Series

### General Specifications

<b>ANSI/TIA Category</b>	6
<b>Cable Type</b>	Unshielded
<b>Color</b>	Black
<b>Conductor Type</b>	Solid   Stranded
<b>Integrated Dust Cover Type</b>	None
<b>Mounting Note</b>	Color matches with KJ-style Black Faceplates and Surface Mount Boxes
<b>Termination Type</b>	IDC
<b>Wiring</b>	T568A   T568B

### Dimensions

<b>Compatible Conductor Gauge, solid</b>	22 AWG   24 AWG
<b>Compatible Conductor Gauge, stranded</b>	24 AWG   26 AWG

### Electrical Specifications

<b>Contact Resistance Variation, maximum</b>	20 mOhm
<b>Contact Resistance, maximum</b>	100 mOhm
<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1,500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm

# 760237650 | UKJ600-BK

## Remote Powering

Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002

## PoE Durability

Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

## Material Specifications

### Contact Plating Material

Precious metals

### Material Type

Copper alloy | High-impact, flame retardant, thermoplastic

### Termination Contact Plating

Nickel

## Mechanical Specifications

### Plug Retention Force, minimum

133 N | 29.9 lbf

### Plug to Jack Mating Cycles

Complies to IEC 60603-7 series

## Environmental Specifications

### Operating Temperature

-10 °C to +60 °C (+14 °F to +140 °F)

### Storage Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

### Relative Humidity

Up to 95%, non-condensing

### Flammability Rating

UL 94 V-0

### Safety Standard

UL | cUL

## Packaging and Weights

### Packaging quantity

1

## Regulatory Compliance/Certifications

### Agency

### Classification

CHINA-ROHS

Below maximum concentration value

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

