

## CAT-6A RJ45 STP Keystone Jacks

### Application

CAT-6A RJ45 Shielded Keystone Jacks for transmission of digital and analogue voice, video and data signals. It also fulfils all Class EA Channel requirements up to 500 MHz when combined with Cat. 7 or Cat. 7A data cables. Therefore it is applicable for 10-gigabit Ethernet transmissions in accordance with IEEE 802.3. Useable for Power over Ethernet Plus (PoE+) corresponding to IEEE 802.3at.

### Features

- ▶ Tool-less termination and Re-usable
- ▶ Supports 10 Gigabit Ethernet over shielded copper to a full 100m up to 500MHz
- ▶ RJ45 Shielded Jack construction provides excellent alien crosstalk suppression and EMI/RFI protection
- ▶ Compatible with all Keystone mounting wallplates & Adoptar
- ▶ Integral shutter increased dust protection and protects jacks in the patch panel
- ▶ Accepts both solid conductors from AWG 24 to 22 and stranded conductors
- ▶ Same Jack for UTP or Shielded installations

### Physical Specifications

<b>Insertion Life:</b>	750 Mating Cycles with Fcc Compliant 8P Plug.
<b>Contact Force:</b>	100 Grams with Fcc Compliant 8P Plug.
<b>Plug Retention Force:</b>	11 Lbf Min.
<b>Durability:</b>	30 Termination Cycles.
<b>Contact Compatibility:</b>	Accommodates 22 To 24 Awg Solid.
<b>Flame rating:</b>	UL 94 V-0
<b>Operating Temperature Range:</b>	-10 C To 60 C.
<b>Storage Temperature Range:</b>	- 40° C Up To + 70° C
<b>Humidity:</b>	10%~90%Rh
<b>Connector Type:</b>	Only Accept RJ-45 8P8C Plug

### Electrical Specifications

<b>Insulation Resistance:</b>	500 MΩ.
<b>Dielectric Withstanding Voltage:</b>	1000 V Ac.
<b>Dc Current Rating:</b>	1.5 Amps.
<b>Dc Resistance:</b>	0.1Ω.
<b>Contact Resistance:</b>	20MΩ.

### Standard

<b>Cat./Class:</b>	Cat.6A / Class EA
<b>Standards:</b>	IEC 60603-7-51 (Cat.6A shielded, 500 MHz) ISO/IEC 11801:2002 / Amd.2:2010 EN 50173-1:2011 TIA/EIA 568-B.2-10:2008

**Compliance:** UL-listed, Intertek (ETL) & EC Delta Certified

### Order Information

Part No	Type of Item	Type of Class	Type of Jacket	Standard Quantity
CS-6AS8PS-DC	Toolless Keystone Jack	CAT-6A	STP	1,8 & 24 Pieces - Packet

