

## P/N RJ45C6ASKJ –

### RJ45 Cat 6A S/FTP Shielded Keystone Jack, Tool-less Fitting. (IEC)



#### DESCRIPTION

For the transmission of digital and analogue voice-, video- and data signals. The RJ45 module is specified up to 500 MHz in compliance with the component standard IEC 60603-7-51.

Enables acceptance testing with high spare capacity at the limit values stipulated for Class EA Permanent Links when combined with shielded Category 6A, 7 and 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.

Solid zinc die casting housing with mounting clip for installation in Keystone panels and outlets. Contact spring with phosphor bronze alloy, plated with gold. For connecting the wires a wire manager is used in combination with two integrated moveable housing wings for tool-less IDC connections. Only for cutting the wires a plane wire cutter is necessary. The 360° metal shield ensures a durable fully shielded environment. Strain relief via cable tie. The module is re-usable. Potential balancing possibility directly at the module when needed. With removable black dust shutter. Other colours available as accessories sets.

#### MECHANICAL PROPERTIES

Solid copper wire	0.50 mm (AWG 24) to 0.65 mm (AWG 22)
Re-connection	for AWG 22, AWG 23 and AWG 24 when using the same or bigger wire diameter
Stranded copper wire	CU 7702 flex (AWG 26/7), re-usable once
Diameter over insulation	0.70 mm to 1.40 mm (1.60 mm)
Temperature range	storing: -40° C to +70° C during installation: -10° C to +60° C in operation: -20° C to +60° C

#### GENERAL PROPERTIES

Termination Wire guides with colour coding in accordance with T568-A or B

#### STANDARDS

Cat./Class	Cat.6 <sub>A</sub> / Class E <sub>A</sub>
Standards	IEC 60603-7-51 (Cat.6 <sub>A</sub> shielded, 500 MHz) IEC 60512-99-001 (PoE+) ISO/IEC 11801:2002 / Amd.2:2010 EN 50173-1:2011 TIA/EIA 568-B.2-10:2008