# RJ45 module shielded Cat. 6$_A$ (IEC)
## Module KS-T Plus 1/8 tool-less Cat.6$_A$ (IEC)

RJ45 module KS-T Plus 1/8 tool-less Cat.6$_A$ (IEC) shielded with dust shutter

# PRODUCT INFORMATION

**APPLICATION**

For the transmission of digital and analogue voice-, video- and data signals.
The module KS-T Plus 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 E$_A$ Permanent Links when combined with shielded Cat.6$_A$, 7 and 7$_A$ data cables.
Therefore it is applicable for 10-Gigabit Ethernet transmissions in accordance with IEEE 802.3.
Useable for Power over Ethenet Plus (PoE+) corresponding to IEEE 802.3at.

**DESCRIPTION**

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 |

**STANDARDS**

IEC 60603-7-51 (Cat.6$_A$ shielded, 500 MHz)
ISO/IEC 11801:2002 / Amd.2:2010
EN 50173-1:2011
TIA/EIA 568-B.2-10:2008

**GENERAL CHARACTERISTICS**

| | |
|---|---|
| Termination | Wire guides with colour coding in accordance with T568-A or B |
| M | Modular |
| Cat./Class | Cat.6$_A$ / Class E$_A$ |

| Article No. | Description | Colour | PU |
|---|---|---|---|
| 418061 | RJ45 module KS-T Plus 1/8 tool-less Cat.6$_A$ (IEC) shielded, with dust shutter | black | 10 pcs. |
| 418062 | Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.) | white | 1 set |
| 418063 | Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.) | black | 1 set |
| 418064 | Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.) | yellow | 1 set |
| 418065 | Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.) | blue | 1 set |
| 418066 | Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.) | green | 1 set |
| 418067 | Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.) | red | 1 set |

Please find an up-to-date matrix showing which patch panels and outlets are suitable for the insertion of the respective Datwyler module on our homepage www.datwyler.com.

Subject to technical modification.

**DATWYLER**