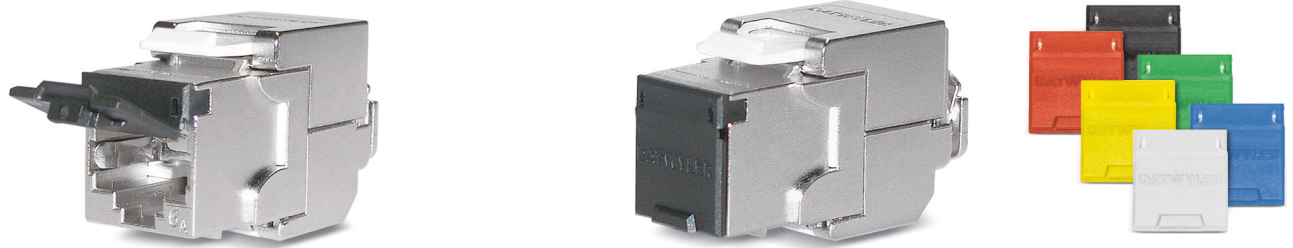


## KS-T Plus 1/8 tool-less Cat.6<sub>A</sub> (IEC)

RJ45 module, shielded, Category 6<sub>A</sub> (IEC)



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



### Description

For the transmission of digital and analogue voice-, video- and data signals. The KS-T Plus 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 PoE, PoE+ and 4PPoE application. 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.

### General properties

|                          |   |
|--------------------------|---|
| Youtube link             | <a href="https://www.youtube.com/embed/Xrl3pNOQkO8">https://www.youtube.com/embed/Xrl3pNOQkO8</a> |
| Installation temperature | -10 °C - +60 °C   |
| Storage temperature      | -40 °C - +70 °C   |
| Operating temperature    | -40 °C - +70 °C   |

### Electrical properties

|           |                 |
|-----------|-----------------|
| Gbit/s    | Up to 10 Gbit/s |
| Shielding | shielded        |

### Mechanical properties

|                          |   |
|--------------------------|---|
| Connection type          | IDC insulation displacement connectors                                    |
| Solid copper wire        | 0.50 (AWG 24) - 0.65 (AWG 22)   |
| Stranded copper wire     | AWG26/7 - AWG23/7   |
| Diameter over Insulation | 0.70 mm - 1.40 mm   |
| Re-connection            | for AWG 22, AWG 23 and AWG 24 when using the same or bigger wire diameter |
| Re-usable                | according ISO/IEC 11801 Annex B   |

### Standards

|                     |   |
|---------------------|---|
| Cabling standards   | ISO/IEC 11801, EN 50173-1, TIA/EIA 568-x  |
| Cat./Class          | Cat.6 <sub>A</sub> / Class E <sub>A</sub> |
| Connector standards | IEC 60603-7-51, IEC 60512-99-002          |
| PoE                 | IEEE 802.3bt Type 4 (100W)                |

## Versions

| Material number | Product   | Colour | Weight [kg] | Packing unit | GTIN / EAN     |
|-----------------|---|--------|-------------|--------------|----------------|
| 41806100ZF      | RJ45 module KS-T Plus 1/8 tool-less<br>Cat.6 <sub>A</sub> (IEC) shielded, with dust shutter | black  | 0.04 kg     | 12 pcs.      | 40393910087932 |

Subject to technical modification

As of 2023-10-19 11:20:14