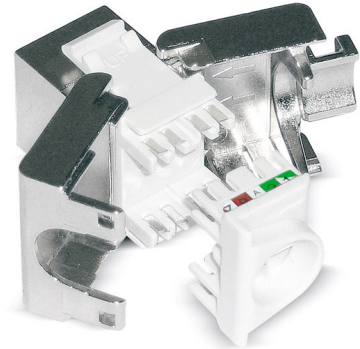
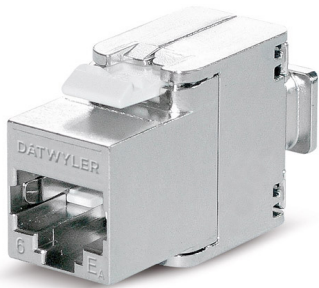


# KS-TS 1/8 tool-less slimline Cat.6/E<sub>A</sub>

RJ45 module, shielded, Category 6/E<sub>A</sub>



KS-TS 1/8 tool-less slimline Cat.6/EA RJ45 module



## Description

For the transmission of digital and analogue voice-, video- and data signals.

The KS-TS RJ45 module is designed to shorten the termination and installation times.

It exceeds the IEC 60603-7-5 standard's requirements for Cat. 6 connecting hardware up to 250 MHz. 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. Solid zinc die casting housing with mounting clip for installation in Keystone panels and outlets.

Compact construction for high packing density in faceplates/outlets (up to 3 modules).

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.

Strain relief via cable tie. The module is re-usable.

## General properties

Installation temperature	-10 °C - +60 °C
Storage temperature	-40 °C - +70 °C
Operating temperature	-20 °C - +60 °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
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	once

## Standards

Cat./Class	Cat.6 / Class E <sub>A</sub>
PoE	IEEE 802.3bt Type 4 (100W)
Connector standards	IEC 60603-7-5, IEC 60512-99-001
Cabling standards	ISO/IEC 11801, EN 50173-1, TIA/EIA 568-x

## Versions

Material number	Product	Colour	Weight [kg]	Packing unit	GTIN / EAN
41805400ZF	RJ45 module KS-TS 1/8 tool-less slimline Cat.6/E <sub>A</sub> shielded	silver	0.03 kg	12 pcs.	40393910087963
418054	RJ45 module KS-TS 1/8 tool-less slimline Cat.6/E <sub>A</sub> shielded	silver	0.03 kg	10 pcs.	40393910165142

Subject to technical modification

As of 2023-09-14 08:02:51