KU-T 1/8 tool-less Cat.6

RJ45 module, unshielded, Category 6

KU-T 1/8 tool-less RJ45 Module, unshielded,
Cat.6, in white or black

Description

For the transmission of digital and analogue voice, video and data signals.
Suitable for all Class D applications respectively Class E Channels in accordance with ISO/IEC 11801, EN 50173-1 and TIA/EIA 568-B.2-10.
Housing made of high-impact resistant, flame retardant compound, UL94V-0 rated, with Keystone mounting clip.
Contact spring with phosphor bronze alloy, plated with gold.
IDC made of phosphor bronze alloy.   Information:
Suitable for the same faceplates and surface mount boxes as Datwyler's shielded Keystone modules (KS-T).
Useable for Power over Ethernet, supports 4PPoE applications up to 100W.

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 1 Gbit/s
Shielding	unshielded

Mechanical properties

Connection type	IDC insulation displacement connectors
Solid copper wire	0.40 mm (AWG 26) - 0.65 mm (AWG 22)
Stranded copper wire	AWG26 - AWG26
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 / Class E
Connector standards	IEC 60603-7-4
PoE	IEEE 802.3bt Type 4 (100W)

Note

The KU-T Cat6 modules that can be used for 4PPoE applications have a specific marking 4PPoE.

Versions

Material number	Product	Colour	Weight [kg]	Packing unit	GTIN / EAN
41807000ZF	RJ45 module KU-T 1/8 tool-less, Cat. 6, unshielded	white	0.01 kg	12 pcs.	40393910228656
41807100ZF	RJ45 module KU-T 1/8 tool-less, Cat. 6, unshielded	black	0.01 kg	12 pcs.	40393910087918