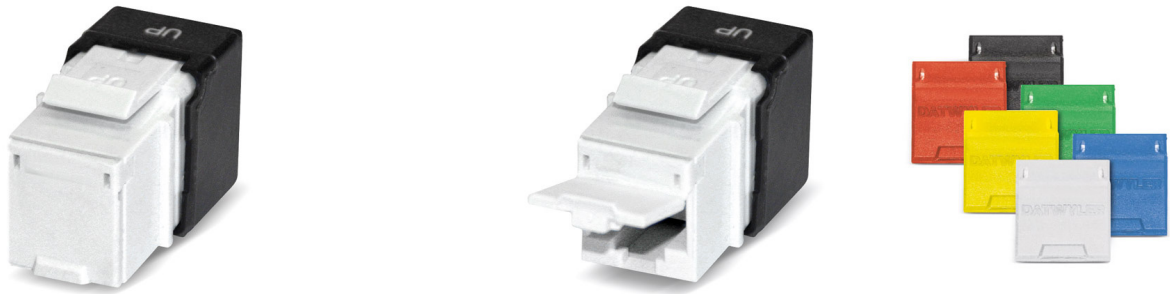


KU Plus 1/8, Cat.6_A (IEC)

RJ45 module, unshielded, Cat.6_A



KU Plus 1/8 Cat. 6A (IEC) RJ45 modules, unshielded

Description

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.

Comes with removable dust shutter in the same colour as the front end of the module (other colours available as accessories sets).

Information:

Suitable for the same faceplates and surface mount boxes as Datwyler's shielded Keystone modules (KS-T).

For cable termination a punch down tool is needed (IDC termination tool 110, for example).

Application

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

The KU Plus RJ45 module is specified up to 500 MHz in compliance with the component standard IEC 60603-7-41.

Suitable for all Class EA applications in accordance with ISO/IEC 11801, EN 50173-1 and TIA/EIA 568-C.2:2009. Enables acceptance testing with high spare capacity at the limit values stipulated for Class EA Permanent Links when combined with unshielded Category 6A data cables.

Therefore it is applicable for 10-gigabit Ethernet transmissions in accordance with IEEE 802.3.

Useable for Power over Ethernet, PoE+ and 4PPoE application.

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	unshielded

Mechanical properties

Connection type	IDC insulation displacement connectors
Solid copper wire	0.40 (AWG 26) - 0.65 (AWG 22)
Stranded copper wire	AWG26 - AWG27
Diameter over Insulation	0.70 mm - 1.40 mm
Re-connection	for AWG22, AWG23 and AWG24
Re-usable	once

Standards

Cabling standards	ISO/IEC 11801, EN 50173-1, TIA/EIA 568-x
Cat./Class	Cat.6 _A / Class E _A
Connector standards	IEC 60603-7-41, IEC 60512-99-002
PoE	IEEE 802.3bt Type 4 (100W)

Versions

Material number	Product	Colour	Weight [kg]	Packing unit	GTIN / EAN
418085	RJ45 keystone module KU Plus Cat 6 _A 1/8 (IEC), unshielded, with dust cover	white	0.01 kg	10 pcs.	40393910164862
418086	RJ45 keystone module KU Plus Cat 6 _A 1/8 (IEC), unshielded, with dust cover	black	0.01 kg	10 pcs.	40393910164855

Subject to technical modification

As of 2023-09-25 06:22:16