KU CC219 Cat.5e, Cat.6 and Cat.6$_A$

RJ45 modules, unshielded, 180°

CC219 series RJ45 module, unshielded, Cat.6$_A$, white

Description

Compact design, helps to improve the NEXT, suitable for high density cabling systems.
Housing made of high-impact resistant, flame retardant compound, UL94V-0 rated, with Keystone mounting clip.
Arc cross design for the lead frame, enhances transmission performance.
Suitable for 4PPoE.
Contact spring with phosphor bronze alloy, plated with gold.
IDC made of phosphor bronze alloy.
Meet RoHS requirements.

Application

For the transmission of digital and analogue voice, video and data signals.
Suitable for Class D/E/E$_A$ channel application in accordance with ISO/IEC 11801, EN 50173 and ANSI/TIA-568-C.2.

General Properties

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

Electrical properties

Maximum contact resistance	20 mΩ
Maximum DC current rating	1.5 A
Minimum insulation resistance	1,000 MΩ

Mechanical properties

Connection type	IDC insulation displacement connectors
Solid copper wire	0.40 (AWG26) - 0.57 (AWG23)
Re-usable	≥ 200 cycles
Minimum insertion lifetime	1,500

Standards

Connector standards	IEC 60603-7-4, IEC 60603-7-2
Cabling standards	ISO/IEC 11801-1, EN 50173-1, TIA-568-C.2, GB 50311

Note

Modules fit in all Datwyler Keystone patch panels and faceplates (ISO/IEC 60603-7)

Versions

Material number	Product	Colour	Category	Physical bandwith [MHz]	Weight [kg]	Packing unit
4109369	KU CC219 RJ45 module, unshielded	white	Cat.5e	100	0.01 kg	1 pc.
4109821	KU CC219 RJ45 module, unshielded	blue	Cat.5e	100	0.01 kg	1 pc.
4109822	KU CC219 RJ45 module, unshielded	yellow	Cat.5e	100	0.01 kg	1 pc.
4109823	KU CC219 RJ45 module, unshielded	red	Cat.5e	100	0.01 kg	1 pc.
4109819	KU CC219 RJ45 module, unshielded	white	Cat.6	250	0.01 kg	1 pc.
4109824	KU CC219 RJ45 module, unshielded	blue	Cat.6	250	0.01 kg	1 pc.
4109825	KU CC219 RJ45 module, unshielded	yellow	Cat.6	250	0.01 kg	1 pc.
4109826	KU CC219 RJ45 module, unshielded	red	Cat.6	250	0.01 kg	1 pc.
4109827	KU CC219 RJ45 module, unshielded	black	Cat.6	250	0.01 kg	1 pc.
4109828	KU CC219 RJ45 module, unshielded	green	Cat.6	250	0.01 kg	1 pc.
4109820	KU CC219 RJ45 module, unshielded	white	Cat.6$_A$	500	0.01 kg	1 pc.

Subject to technical modification

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