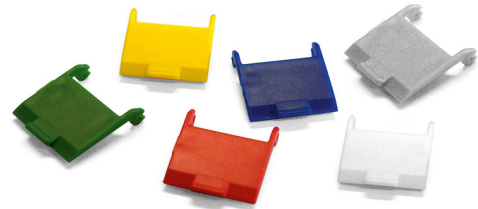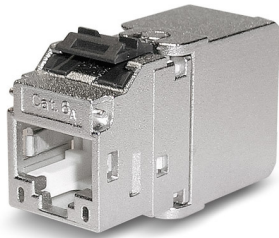# MS-C6$_A$ 1/8 Cat.6$_A$ (IEC) 180°-K (Keystone)

RJ45 module, shielded, Category 6$_A$ (IEC)

for 10 Gigabit Ethernet

MS-C6A 1/8 Cat.6A (IEC) 180°-K (Keystone) RJ45 module and dust shutters

Description

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

The MS-C6A 1/8 Cat.6A (IEC) 180°-K (Keystone) RJ45 module is specified up to 500 MHz in accordance with the component standard IEC 60 603-7-51.

In combination with shielded Category 6A, 7 and 7A data cables all applications up to Class EA are applicable, that is including 10GBase-T (IEEE 802.3an).

Useable for PoE, PoE+ and 4PPoE application.   Compact two-piece module, re-usable zinc die casting housing.

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

Tool-less, time-saving wire termination.

Possibility to terminate solid and flexible cables.

Outstanding electrical performance for 10-gigabit Ethernet applications.

360° braid connection to the strain relief bar.

Strain relief via snap-in clip without cable tie.

General Properties

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

Electrical properties

EMC	shielded

Mechanical properties

Connection type	IDC insulation displacement connectors
Solid copper wire	0.40 (AWG 26/1) - 0.65 (AWG 22)
Stranded copper wire	AWG26/7 - AWG22/8
Diameter over Insulation	0.70 mm - 1.40 mm
Re-connection	feasible when using the same or bigger wire diameter

Standards

Cat./Class	Cat.6$_A$ / Class E$_A$
Connector standards	IEC 60603-7-51
Cabling standards	ISO/IEC 11801, EN 50173-1, TIA/EIA 568-x

Versions

Material number	Product	Colour	Weight [kg]	Packing unit
309249	Module MS-C6$_A$ 1/8 Cat.6$_A$ (IEC) 180°-K (Keystone)	silver	0.03 kg	10 pcs.
309239	Module MS-C6$_A$ 1/8 Cat.6$_A$ (IEC) 180°-K (Keystone)	silver	0.04 kg	100 pcs.

Subject to technical modification