

**RJ45 module shielded Cat.6/E<sub>A</sub>**Module MS 1/8 Cat.6/E<sub>A</sub>  
for 10-Gigabit EthernetModule MS 1/8 Cat. 6/E<sub>A</sub> shielded

Parallel pliers for easy termination

## PRODUCT INFORMATION

### APPLICATION

For the transmission of digital and analogue voice, video and data signals. The module MS 1/8 exceeds the IEC 60603-7-5 standard's requirements for Cat.6 connecting hardware up to 250 MHz. It also fulfils all Class E<sub>A</sub> Channel requirements up to 500 MHz when combined with Cat.7 and 7<sub>A</sub> 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.

### DESCRIPTION

Compact zinc die casting housing.  
360° screen connection with flat plug connector for potential balancing.  
Integrated strain relief (cable tie).  
High packing density due to very small dimension.  
Stable mounting in patch panels and data outlets with a metal spring at the module.


### MECHANICAL PROPERTIES

Solid copper wire	0.40 mm (AWG 26) to 0.65 mm (AWG 22)
Stranded copper wire	AWG 26/7 (with 7 bare stranded wires)
Re-connection	for AWG 22, AWG 23 and AWG 24 when using the same or bigger wire diameter
Diameter over insulation	0.70 mm to 1.40 mm (1.60 mm)
Temperature range	storing: -40°C to +70°C
	during installation: -10°C to +60°C
	in operation: -10°C to +60°C

### STANDARDS

IEC 60603-7-5 (Cat.6 shielded, 250 MHz)  
ISO/IEC 11801:2002 / Amd.2:2010  
EN 50173-1:2011  
TIA/EIA 568-B.2-10:2008

### GENERAL CHARACTERISTICS

Termination	Wire guides with colour coding in accordance with T568-A and T568-B
 Cat./Class	Cat.6 / Class E <sub>A</sub> (Channel) when used together with Cat.7/7 <sub>A</sub> data cables

Article No.	Description	Colour	PU
185700	RJ45 module MS 1/8 Cat.6/E <sub>A</sub> shielded,with colour code TIA 568-A	metal	10 pcs.
385700	RJ45 module MS 1/8 Cat.6/E <sub>A</sub> shielded,with colour code TIA 568-A	metal	100 pcs.
1414227	RJ45 module MS 1/8 Cat.6/E <sub>A</sub> shielded,with colour code TIA 568-B	metal	10 pcs
1412330	Paralleleinpresszange zur Montage der Module MS 1/8		1 pc.