

**R304327 Connection Module Real10 Cat.6, 1xRJ45/s, 100x**

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010.2859

**Scope of supply**

- RJ45 Real10 Cat.6 connection module, shielded
- Mounting plate
- EMC cover
- Dust cover
- Cable tie
- Installation instructions

**Weight**

16.040 G

**Technical Data**

Standardisation	IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011; EN 50173-1: May 2011;
Connector class	Connection module
Connector type (A)	RJ45
Category connector (A)	Real10 Cat.6
Shielding - connector (A)	Yes
Holder for connector / module	Support Plate
Color	blue
Dimensions	17.4 x 22.8 x 41.6 mm
Material	plastic: PC, UL 94 V-0
Wiring diagram	TIA 568-A / TIA 568-B
Poles	8

## Tender text

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Connection Module, Real10 Cat.6, 100 x RJ45, shielded

RJ45 connection module of Category 6, for the setting up of transmission channels of class E and class EA with up to 4 plugged connections, and class F on 2 pairs, complies with Category 6 requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1, May 2011 (DIN EN 50173-1) as well as TIA 568-C, de-embedded tested in acc. with IEC 60603-7-5, interoperable and backwards compatible with Category 5e and Category 5.

Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 500 MHz and 100 m.

Tested in line with R&M's manufacturing control, performing 100% inspection, plus permanent quality assurance through the "GHMT PREMIUM Verification Program" including certificate and test report acc. to DIN-EN ISO/IEC 17025, in German language.

Compatible with RJ standard plugs (RJ11, RJ12, RJ45), PCB-free and tool-free Easy-Lock connection of installation cables AWG 24 – 22 (0.5 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7. Parallel pair termination without crossover in acc. with TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with single-wire strain relief and >20 insertion cycles, contact resistance 1000 mΩ. Shield contacting by patented shield lance with integral cable strain relief, shield material tin-coated bronze, ground contacting through 2 contact fingers for flat connectors 4.8 x 0.5 mm.

Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.

Special installer package with connection module Cat.6, shielded, with EMC cover, dust cover, mounting plate, cable tie and installation instructions.