Product information

Connection Module Cat. 5e, 1xRJ45/u, 10x

- RJ45 Cat. 5e connection module, unshielded
- Mounting plate
- Dust cover
- Cable tie
- Installation instructions

090.5327

Description

R&M's Cat. 5e connection modules, from the R&Mfreenet cabling system, are ideal for voice and fast data transmissions. This high-performance Cat. 5e module is perfect for use in 1 Gigabit Ethernet (1GBASE-T) applications to 100 MHz.

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	UL Listed EN 50173-1: May 2011 IEC 60603-7: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011
Protection class IP	IP 20
PoE	Yes
Connector class	connection module
Shielding connector (A)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 5e
Holder for connector / module	Mounting plate
Wiring diagram	TIA-568A / TIA-568B
Poles	8

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Width	16.4 mm
Height	21.4 mm
Depth	40.9 mm
Color	light gray

RJ45 connection module of Category 5, for the setting up of transmission channels of class D with up to 4

plugged connections, complies with Category 5 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 60603-7-2, interoperable and backwards compatible with Category 5e (2000) and Category 5 (1995).

Suitable for 1GBASE-T applications in acc. with IEEE 802.3™ Section Three over 100 m.

Tested in line with R&M's manufacturing control.

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 (as of production date 07461).

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 <100 mOhm, dielectric strength >1000 Veff. PoE and PoE+ compatible according to IEC 60512-99-001. With integral cable strain relief, including dust cover.

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

Connection module Cat. 5e, with dust cover, mounting plate, cable tie and installation instructions.