Product information

Connection Module Cat. 6 EL, 1xRJ45/u, Special, 10x

R832193
10 pcs

090.7777

The module for the classic office cabling. Easy to install with solid Cat. 6 performance.
- RJ45 Cat. 6 EL connection module, unshielded
- Dust cover

Description

The R&M*freenet* Cat. 6 EL connection modules, part of the Freenet cabling system, are ideal for voice, fast data transmissions and high bandwidth applications. This highperformance Cat. 6 module is perfect for use in 10 Gigabit Ethernet (10GBASE-T) and future high-speed applications up to 250 MHz.

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	UL Recognized IEC 60603-7-4: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801-1 Ed 1.0 2017-11 EN 50173-1: May 2011
Protection class IP	IP 20
PoE	Yes
Connector class	connection module
Shielding connector (A)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6
Holder for connector / module	Special (without mounting plate)
Wiring diagram	TIA-568A / TIA-568B
Poles	8

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Color	blue / black

RJ45 connection module of Cat. 6 ISO, for the setting up of transmission channels of Class E with up to 4 connectors acc. to ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011 (DIN EN 50173-1), complies with Cat. 6 requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well the U.S. standard Cat. 6 according to TIA 568-C.2, re-embedded tested in acc. with IEC 60603-7-4 and 60512-27-100, interoperable and backwards compatible with Category 5e.
Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 250 MHz and 100 m.
Tested in line with R&M's manufacturing control, performing 100% inspection. Each module has an own serial

number and is traceable.

Compatible with RJ standard plugs (RJ11, RJ12, RJ45), connection of installation cables AWG 26 – 22 (0.4 mm – 0.65 mm) and flexible cables AWG 26/7 – AWG 22/7 without special tools. Parallel pair termination without crossover in acc. with TIA 568-A/B, gold-plated bronze contacts for >1000 mating cycles, IDC contacts with ≥4 insertion cycles acc. to IEC 60352-3, contact resistance <5 mOhm, dielectric strength >1000 Veff. Supports PoE (IEEE 802.3af), PoEP (IEEE 802.3at), 4PpoE (IEEE 802.3bt) and is compatible to IEC 60512-99-001/002. With integral cable strain relief, including dust cover. Blue / black plastic housing.

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

Connection module Cat. 6 EL, blue / black, unshielded and dust cover.

	Description	PU	Product No.
	Cable Insert Cat. 6A EL, 4-5 mm Cable	100 pcs	R813797
	Adapter 90° Module RJ45 C6A-EL/u-10	10 pcs	R833666
	Adapter No.1 EL /u 10x	10 pcs	R832197