

## Product information

### Connection Module Cat. 6A EL, 1xRJ45/s, Special, 10x

R813508  
977803015  
10 Pcs.



- RJ45 Cat. 6A EL connection module, shielded
- Dust cover

090.7180

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	UL Recognized IEC 60603-7-51: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 ed. 2.2: June 2011 EN 50173-1: May 2011
Protection class IP	IP 20
PoE	Yes
Connector class	connection module
Shielding connector (A)	shielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6 <sub>A</sub> ISO
Holder for connector / module	Special (without mounting plate)
Wiring diagram	TIA-568A / TIA-568B
Poles	8

### Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Color	metallic

RJ45 connection module of Cat.6A ISO, for the setting up of transmission channels of Class EA 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.6A requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well the U.S. standard Cat.6A according to TIA 568-C.2, re-embedded tested in acc. with IEC 60603-7-51 and 60512-27-100, interoperable and backwards compatible with Category 6 and Category 5e.

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. 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. PoE and PoE+ compatible according to IEC 60512-99-001. With integral cable strain relief, including dust cover, nickel plated zinc die-cast housing, ground contacting through 1 contact finger for flat connectors AMP 2.8 x 0.5 mm.

Material: halogen-free and heavy-metal free in acc. with EU directives RoHS 2.  
 Connection module Cat.6A EL, die-cast, shielded and dust cover.

	Description	PU	Product No.
		100 Pcs.	R813797
	<p>Provides 90 degree cable entry to the shielded Cat. 6A EL module for classic office cabling. Easy to install with solid Cat. 6A performance.</p>	10 Pcs.	R833665
	<p>Self-adhesive copper foil for the preparation of shirred cable</p>	1 Pcs.	R824374
	<p>Self-adhesive copper foil for the preparation of shirred cable</p>	1 Pcs.	R814599
	<p>For use with different shielded IEC-keystone patch panels and third-party IEC-keystone faceplates</p>	10 Pcs.	R837034