



DESCRIÇÃO

The module for the classic office cabling. Easy to install with solid Cat. 6A performance.

The R&Mfreenet Cat. 6A EL connection modules, part of the Freenet cabling system, are ideal for voice, fast data transmissions and high bandwidth applications. This highperformance Cat. 6A module is perfect for use in 10 Gigabit Ethernet (10GBASE-T) and future high-speed applications up to 500 MHz.

090.7180

ESCOPO DA ENTREGA

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

TEXTO DE ESPECIFICAÇÃO

RJ45 connection module of Cat.6A EL, for the setting up of transmission channels of Class EA with up to 4 connectors acc. to ISO/IEC, EN 50173-1, (DIN EN 50173-1), complies with Cat.6A requirements of the standards ISO/IEC 11801, EN 50173-1 as well the U.S. standard Cat.6A according to TIA/EIA 568.2-D, 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. 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, 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.

CARACTERÍSTICAS

Meets the Cat. 6A ISO component specification (for the entire re-embedded plug range as specified by the standards ISO/IEC 11801, EN 50173, TIA/EIA 568.2-D, IEC 60603-7-51 and 60603-7 Exceeding the IEEE 802.3 an minimum requirements for 10GBASE-T performance Achieves best transmission characteristics with R&Mfreenet Cat. 6A patch cables Gold-plated contact area and tin-plated insulation displacement contact area Capacitive and inductive compensation Compatible with Cat. 6A standard patch cords and cables Full mechanical and electrical backward compatibility with Cat. 5e/6 RJ-11/12/14 compatible Fits into 3rd party outlets and patchpanel with 4 different adapter Tool-free (w/o special tools) connection of installation cables of AWG 22 - 26 plus stranded cables of AWG 22/7 - 26/7 Wiring option according to TIA 568 A and B with parallel termination of the pairs without splitting of pair 3,6 Label with color wiring chart, integrated production date and serialnumber (each module) for quality tracing Halogen-free materials PoE and PoE+ compatible 3P certified

DADOS TÉCNICOS

DESCRIÇÃO	VALOR / GAMA DE VALORES
Category connector (A)	Cat. 6A ISO
Connector type (A)	RJ45
Shielding connector (A)	shielded
PoE	Yes

Connector class	connection module
Wiring diagram	T568A and T568B
Holder for connector / module	Special (without mounting plate)
Poles	8
Standard	UL Recognized IEC 60603-7-51: Electrical Characteristics of the Telecommunication Outlets ISO/IEC 11801 EN 50173-1

DADOS MECÂNICOS

DESCRIÇÃO	VALOR / GAMA DE VALORES
Color	metallic

ACESSÓRIOS

Tipo	Imagem	Descrição	Artigo	E-número
Accessories		Cable Insert Cat. 6A EL, 4-5 mm Cable	R813797	
Accessories		Copper foil for Module Cat. 6A EL, 100x	R814599	
Accessories		Copper foil for Module Cat. 6A EL, 10x	R824374	
Accessories		Adapter No. 1, module Cat. 6A EL & ISO	R832197	977901025
Accessories		Adapter 90° Module RJ45 C6A-EL/s-10	R833665	966730935
Accessories		Adapter C6 EL, 6A /s Keystone 3rd Gen.	R837034	
Accessories		Adapter C6 EL, C6A /u Keystone LARGE	R848274	