DATASHEET

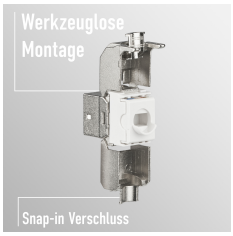
RJ45 Keystone STP, Cat.6A, 500MHz













General data

Cat.6A Keystone module for 10 Gigabit Ethernet

The certified Cat.6A Keystone from EFB-Elektronik ensures excellent properties for a home or enterprise ethernet. Due to the premium quality and the 360° shielding the Cat.6A jack is perfectly suitable for many applications within a 10 Gigabit Ethernet. The RJ45 keystone Cat.6A is designed for cable cross sections from AWG26/7 (patch cable) to AWG22/1 (installation cable). With the Cat.6A Keystone, transmission of analog and digital signals up to a frequency of 500 MHz is possible, while it still offers sufficient power reserves.
In combination with a modular patch panel or the corresponding wall plate, the Cat.6A Keystones are excellently suited for setting up and expanding efficient, high-quality IT-Infrastructure for homes or enterprises.
Purchase Cat.6A Keystones and further accessories as well as all other products with standardized keystones online from EFB-Elektronik.

What are Keystones?

The little connectors get their name from their shape, which resembles a keystone in the middle of a round arch. This

This datasheet was created automatically on 11-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Keystone STP, Cat.6A, 500MHz

stone is called a keystone in architecture. Keystone connectors are an important component in extended LAN networks that use patch panels and wall plates. It is a connector for connecting different types of devices to a larger network. They are designed to snap into modular wall plates and patch panels.
Ethernet RJ45 keystones can be rated for different speeds according to Ethernet cable category. The EFB-Elektronik's keystone offered here provides up to 10 Gigabit Ethernet support for Cat.6A cabling.

Technical properties	
360° shield contact	True
4PPOE certified	True
AWG-range	22 – 23
Cable diameter	8.5 mm
Casing material	Zinc die cast
Category	6A (IEC)
Complaint to UL94	V-0
Connection type	Insulation displacement connector
Contact Resistance	≤ 20 mΩ
Contact coating	50 µ"
Current capacity	1.5 A
Dielectric Withstanding Voltage	1000 V AC 60Hz
Dust cover	false
For UAE suitable	False
Insertion force	≤ 30 N
Insulation Resistance	≥ 500 MΩ
Mating cycles	≥750
Model	jack
Operating Temperature	-10 – 60 °C
Shield contact and strain relief separate	False
Special tool necessary	False
Suitable for flat cable	False
Suitable for litz wire conductor	False
Suitable for round cable	True
Suitable for solid core	True
Type of connector	RJ45 8(4)
Type of locking	Latching mechanism
screened	True

Available variants

ArtNr.	**Bezeichnung**	**Colour**

This datasheet was created automatically on 11-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Keystone STP, Cat.6A, 500MHz

EC020100003	RJ45 Keystone STP, Cat.6A, 500MHz	metall

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

This datasheet was created automatically on 11-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION