



Picture differs from the item.

Color:

### RJ-45-Stecker TIA/EIA 568B

1	weiß/orange	1
2	orange	2
3	weiß/grün	3
4	blau	4
5	weiß/blau	5
6	grün	6
7	weiß/braun	7
8	braun	8

Schirm

Subject to changes. Please also observe the further product documentation!



## Item description

### Short description:

- Halogen-free TPE
- Cat. 6A S/FTP
- Highly flexible
- 50 µinch gold plating in the contact area
- Mechanically/electrically tested
- 4C Channel Link Test
- Wrap-around label for clear traceability

## Data

### Technical data

Baud rate	10000Mbit/s
Operating voltage	80 V
Rated surge voltage	500 V (wire/wire/screen rms 50 Hz 1 min)
Insulation resistance	$\geq 1 \times 10^8 \Omega \times \text{km}$
Conductor resistance	$< 142 \Omega/\text{km}$
Cable length	1 m

### Connection data

Contact type	Stecker RJ-45; Stecker RJ-45
Connection type	Stecker RJ-45 - Stecker RJ-45

### Mechanical Data

Conductor configuration	Cu-Litze blank (7 x 0,16 mm)
Conductor insulation	PE halogenfrei
Mating cycles (max.)	1,200
Sheathed cable diameter	6 ... 6.4 mm
Cable connection direction to mating direction	0°

### Material Data

Color	green
Contact material	CuZn
Contact plating	CuNi/Au, 50 µinch Goldauflage

Subject to changes. Please also observe the further product documentation!



Sheathed cable color	Grün, RAL 6018
Weight	56.2 g
Sheath material	LSOH-TPE, halogenfrei nach IEC 60754-2, flammwidrig nach IEC 60332-1, raucharm nach IEC 61034
Shield	Alukaschierte, überlappende Folie und verzinnertes Cu-Geflecht (PiMF)

### Environmental requirements

Ambient (operating) temperature (dynamic)	-40 ... +80 °C
Ambient (operating) temperature (static)	-40 ... +80 °C
Bending radius	min. 10 mm
Bending cycles	8,500 Mio.

### Commercial data

Packaging type	bag
Country of origin	CN
GTIN	4055143763127
Customs tariff number	85444290900

### Commercial data

eCl@ss 10.0	27-06-18-01
eCl@ss 9.0	27-06-18-01
ETIM 8.0	EC002599
ETIM 7.0	EC003249
PU (SPU)	1 pcs
Packaging type	bag
Customs tariff number	85444210000

### Technical data

Connection type	RJ-45 plug - RJ-45 plug
Baud rate	10000 Mbit/s
Operating voltage	80 V
Operating current	0.72 A
Rated surge voltage	500 V (wire/wire/shield rms 50 Hz 1 min)
Conductor resistance	< 142 Ω/km

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## Environmental requirements

Ambient (operating) temperature (dynamic)	-40 ... +80 °C
Ambient (operating) temperature (static)	-40 ... +80 °C

## Mechanical Data

Bending radius	10 mm (min.)
Sheathed cable color	green
Sheathed cable diameter	6 ... 6.4 mm
Sheath material	LSOH TPE, halogen-free per IEC 60754-2, flame-retardant per IEC 60332-1, low-smoke per IEC 61034
Halogen-free	Yes
Shield	Overlapped aluminum-laminated foil and tinned copper braid (PiMF)
Conductor configuration	Bare copper wire (7 x 0.16 mm)
Conductor insulation	Halogen-free PE
Contact plating	CuNi/Au; 50 µinch gold plating
Weight	56.2 g
Color	green

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

### Documentation

#### Bid Text

756-1250/1013-010 X81 - Datei	2019 Feb 19	xml 4.5 kB	Download
756-1250/1013-010 docx - Datei	2019 Jan 8	docx 17.2 kB	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-1250/1013-010 ETHERNET cable; RJ-45; RJ-45; Cat. 6A; Length: 1 m	URL	Download
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Subject to changes. Please also observe the further product documentation!



## Installation Notes

Subject to changes. Please also observe the further product documentation!

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