



Item description

Short description:

- Halogen-free TPE
- Cat. 6A S/FTP
- Highly flexible
- 50 µinch gold plating in the contact area

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



- 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	10 m

Connection data

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

Mechanical data

Conductor design	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
Sheathed cable color	Grün, RAL 6018
Halogen-free	Yes
Weight	361.2 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)

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

WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.us

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Environmental Requirements

Surrounding air (operating) temperature (dynamic)	-40 ... +80 °C
Surrounding air (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	4055143763073
Customs tariff number	85444290900

Commercial data

Packaging type	bag
Customs tariff number	85444210000

Technical Data

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

Environmental Requirements

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

Mechanical data

bending radius	10 mm (min.)
Sheathed cable color	green (RAL 6018)
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
Shield	Overlapped aluminum-laminated foil and tinned copper braid (PiMF)
Conductor design	Bare copper wire (7 x 0.16 mm)

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Conductor insulation	PE (halogen-free)
Contact plating	CuNi/Au; 50 µinch gold plating
Weight	361.2 g
Color	green

Counterpart

Downloads

Documentation

Bid Text

756-1250/1013-100 docx - Datei	Jan 8, 2019	docx 17.2 kB	Download
756-1250/1013-100 X81 - Datei	Feb 19, 2019	xml 4.5 kB	Download

Installation Notes

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