

## INDUSTRIAL COMPONENT DATA

# VS-MSD-MSD-93B-LI/10,0 1404309 PHOENIX CONTACT

## Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-MSD-MSD-93B-LI/10,0



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | VS-MSD-MSD-93B-LI/10,0           |
| Catalog number  | 1404309                          |
| Category        | Patch cord copper (twisted pair) |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-B508A01BBD                    |
| Generated       | 2026-08-04                       |

### Product Overview

Network cable

Ready-made PROFINET cable, CAT 5e, shielded, star quads, flexible AWG 22 (7 wires), RAL 6018 (yellow green), M12 to M12 connector, Line, length 10 m

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT > Industrial Field Connectivity (IFC)

### Additional Product Information

Key Commercial Data

Orderkey 1404309

Packing unit 1

GTIN 4046356690157

Custom tariff number 85444210

Mechanical characteristics

Number of positions 4

Insertion/withdrawal cycles >= 100

Length of cable 10 m

Degree of protection IP65/IP67/IP69K

No. of cable outlets 1

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C (cable, fixed installation)

-5 °C ... 50 °C (cable, flexible installation)

Material data

Flammability rating according to UL 94 V0

Electrical characteristics

Transmission characteristics (category) CAT5 (IEC 11801:2002)

Standards and Regulations

Flammability rating according to UL 94 V0

Line characteristics

Cable type PROFINET PVC stranded CAT5

Cable abbreviation 2YY(ST)CY

UL AWM style 21694

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 4x 0.34 mm<sup>2</sup>

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation 1.55 mm

External cable diameter 6.5 mm ±0.2 mm

Wire colors White, yellow, blue, orange

External sheath, color green RAL 6018

Transmission medium Copper

Insulation resistance  $\geq 500 \text{ M}\Omega\cdot\text{km}$

Wave impedance  $100 \Omega \pm 15 \Omega$  (at 100 MHz)

Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)

76 dB (at 4 kHz)

70 dB (at 10 MHz)

65 dB (at 16 MHz)

63 dB (at 20 kHz)

60 dB (at 31.25 kHz)

55 dB (at 62.5 kHz)

50 dB (at 100 MHz)

Wave attenuation 2.1 dB (with 1 MHz)

4 dB (at 4 kHz)

6.3 dB (at 10 MHz)

8 dB (at 16 MHz)

9 dB (at 20 kHz)

11.4 dB (at 31.25 kHz)

16.5 dB (at 62.5 kHz)

21.3 dB (at 100 MHz)

Signal speed 0.66...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-MSD-MSD-93B-LI/10,0 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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