

INDUSTRIAL COMPONENT DATA

SAC-6P-500,0-970 1404175 PHOENIX CONTACT Cable reel

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-500,0-970



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-500,0-970
Catalog number	1404175
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-FC2A284246
Generated	2026-08-06

Product Overview

Cable reel

By meters, Cable ring, VARAN CAT5 (100 MBit/s), shielded, SANTOPRENE halogen-free/halogen-free TPE, black RAL 9005, 6-conductors (1x2xAWG22/19 + 1x4xAWG24/19), single conductor color: brown, blue, white/orange, white/green, green, orange, cable length: 500 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 1404175

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356681704

Weight per Piece (excluding packing) 42,500.000 g

Custom tariff number 85444995

Country of origin DE (Germany)

Dimensions

Length of cable 500 m

General

Number of positions 6

Signal type/category VARAN CAT5 (IEC 11801:2002)

Cable

Cable type VARAN

Cable type (abbreviation) 970

Cable abbreviation Li9YD12Y

Cable structure 1x2xAWG22/19 + 1x4xAWG24/19

Conductor cross section 4x 0.25 mm² (Signal line)

2x 0.38 mm² (Power supply)

AWG signal line 24

AWG power supply 22

Conductor structure signal line 19x 0.13 mm

Conductor structure, voltage supply 19x 0.16 mm

Core diameter including insulation 1.35 mm (Signal line)

1.5 mm (Power supply)

Wire colors Brown, blue, white/orange, white/green, green, orange

Type of pair shielding Tinned copper braided shield, 95 % covering

Overall twist 1 star quad and 2 wires with 2 fillers

Shielding Tinned copper-braided shield, approx. 85% covering

External sheath, color black RAL 9005

External cable diameter D 7.8 mm ±0.2 mm

Smallest bending radius, fixed installation ≥ 93 mm

Smallest bending radius, movable installation ≥ 93 mm

Number of bending cycles 3000000

Bending radius 93 mm

Traversing path 2 m

Traversing rate 1 m/s

Acceleration 2 m/s²

Cable weight 81 kg/km

Outer sheath, material SANTOPRENE halogen-free

Material, inner sheath TPE

Material, filler Yarn

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resist...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-500,0-970 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.