

INDUSTRIAL COMPONENT DATA

FL CAT5 HEAVY 2744814 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: FL CAT5 HEAVY



Manufacturer	PHOENIX CONTACT
MPN / Reference	FL CAT5 HEAVY
Catalog number	2744814
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-58D38C6DEA
Generated	2026-08-02

Product Overview

Cable

CAT5-SF/UTP CABLE (J-02YS(ST)C HP 2 x 2 x 24 AWG), robust installation cable, 2 x 2 x 0.22 mm², rigid conductor, shielded, outer sheath: Diameter 7.8 mm, inner sheath: Diameter 5.75 mm ± 0.15 mm

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 2744814

Packing unit 1 M

Note Made to Order (non-returnable)

Catalog page Page 390 (C-8-2015)

GTIN 4017918600518

Weight per Piece (excluding packing) 66.720 g

Custom tariff number 85444993

Country of origin DE (Germany)

Cable type

Cable abbreviation J-02YS(ST) C HP 2 x 2 x 24 AWG

Ambient conditions

Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)

-5 °C ... 60 °C (cable, flexible installation)

Ambient temperature (storage/transport) -40 °C ... 80 °C

External sheath

Outer sheath, material Halogen-free compound, HM 2 in acc. with VDE 0207

External sheath, color water blue RAL 5021

Single wire

Single wire, color White/orange-orange (pair 1)

Single wire, material Foam skin (polyethylene)

General

Conductor length Free input (0.25 ... 1000.0 m)

Nominal voltage UN 48 V AC

Cable weight 68 kg/km

Working capacitance 48 nF (per kilometer)

Wave impedance 100 Ω $\pm$ 15 %

Transmission characteristics (category) CAT5

Transmission speed 100 Mbps

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027230207eCl@ss 4.127230207eCl@ss 5.027230207eCl@ss 5.127230200eCl@ss 6.027062000eCl@ss
7.027062011eCl@ss 8.027062011eCl@ss 9.027061801

ETIM 2.0EC001423ETIM 3.0EC001423ETIM 4.0EC001423ETIM 5.0EC000830ETIM 6.0EC001578

UNSPSC 6.0130211506UNSPSC 7.090139121008UNSPSC 1139121008UNSPSC 12.0139121008UNSPSC
13.239121008

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FL CAT5 HEAVY 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.