



Automatización Eléctrica
Especialistas en Automatización

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Cable - FL CAT5 HEAVY - 2744814

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

The illustration shows a version without preassembly and without RJ45 plug

Ethernet

Key Commercial Data

Packing unit	1 M
GTIN	 4 017918 600518

Technical data

Cable type

Cable abbreviation	J-02YS(ST) C HP 2 x 2 x 24 AWG
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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
External diameter max.	7.8 mm
External diameter min.	7.2 mm

Single wire

Single wire, color	White/orange-orange (pair 1)
	White/green-green (pair 2)
Single wire, material	Foam skin (polyethylene)
Single wire, cross section	0.22 mm ²

Mechanical properties

Smallest bending radius, fixed installation	45 mm (with outer sheath) / 30 mm (without outer sheath)
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Technical data

Mechanical properties

Tensile strength short-term/long-term	130 N bei Installation / 65 N nach Installation
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General

Conductor length	Free input (0.25 ... 1000.0 m)
Cable weight	68 kg/km
Loop resistance	$\leq 192 \Omega$ (per kilometer)
Working capacitance	48 nF (per kilometer)
Wave impedance	100 $\Omega \pm 15 \%$

Classifications

eCl@ss

eCl@ss 4.0	27230207
eCl@ss 4.1	27230207
eCl@ss 5.0	27230207
eCl@ss 5.1	27230207
eCl@ss 6.0	27230207
eCl@ss 7.0	27230207
eCl@ss 8.0	27062011

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001578

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

EAC

Ex Approvals

Cable - FL CAT5 HEAVY - 2744814

Approvals

Approvals submitted

Approval details

EAC

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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