

## 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 mm<sup>2</sup>, 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



### Key Commercial Data

Packing unit	1 M
Weight per Piece (excluding packing)	66.72 g
Custom tariff number	85444993
Country of origin	Germany

### 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)
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### Technical data

#### Single wire

	White/green-green (pair 2)
Single wire, material	Foam skin (polyethylene)
Single wire, cross section	0.22 mm <sup>2</sup>

#### Mechanical properties

Smallest bending radius, fixed installation	45 mm (with outer sheath) / 30 mm (without outer sheath)
Tensile strength short-term/long-term	130 N bei Installation / 65 N nach Installation

#### General

Conductor length	Free input (0.25 ... 1000.0 m)
Cable weight	68 kg/km
Loop resistance	≤ 192 Ω (per kilometer)
Working capacitance	48 nF (per kilometer)
Wave impedance	100 Ω ±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

## Cable - FL CAT5 HEAVY - 2744814

### Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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### Approval details

EAC
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