

## Network cable - FL CAT5 FLEX - 2744830

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CAT5-SF/UTP cable (J-LI02YS(ST)C H 2 x 2 x 26 AWG), light-duty, flexible installation cable 2 x 2 x 0.14 mm<sup>2</sup>, stranded, shielded, outer 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)	40.24 g
Custom tariff number	85444993
Country of origin	Germany

### Technical data

#### Cable type

Cable abbreviation	J-LI02YS(ST) CH 2 x 2 x 26 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.	5.9 mm
External diameter min.	5.6 mm

#### Single wire

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

#### Single wire

	White/green-green (pair 2)
Individual wire, diameter	1 mm (wires to pairs, pairs are arranged to form a cable core)
Single wire, material	Foam skin (polyethylene)
Single wire, cross section	0.14 mm <sup>2</sup>

#### Mechanical properties

Smallest bending radius, movable installation	78 mm (not for flexible cable conduit)
Smallest bending radius, fixed installation	30 mm
Tensile strength short-term/long-term	50N bei Installation / 10N nach Installation

#### General

Conductor length	Free input (0.25 ... 1000.0 m)
Cable weight	43 kg/km
Loop resistance	≤ 284 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	27061801
eCl@ss 9.0	27061801

#### ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC000830

#### UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008

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### Classifications

#### UNSPSC

UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

### 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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