

FL CAT5 FLEX CONF/ - Network cable



2744843

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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 mm², stranded, shielded, outer sheath: 5.75 mm ± 0.15 mm diameter, preassembled on both sides with RJ45 plug, crossover or line assignment

FL CAT5 HEAVY

Commercial data

Item number	2744843
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB50
Product key	ABNABG
Weight per piece (excluding packing)	19.8 g
Customs tariff number	85444993
Country of origin	DE

Technical data

Product properties

Product type	Data cable preassembled
Product family	RJ45 STANDARD CAT5
Application	Flexible installation
Number of positions	4
Connection profile	RJ45

Electrical properties

Transmission medium	Copper
Transmission speed	100 Mbps
Transmission characteristics (category)	CAT5
Transmission speed	100 Mbps
Wave impedance	100 Ω

Mechanical properties

Tensile strength short-term/long-term	50N bei Installation / 10N nach Installation
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Material specifications

Flammability rating according to UL 94	V0
Outer sheath, material	Plastic

Dimensions

External dimensions

External diameter min.	5.6 mm
External diameter max.	5.9 mm

Cable/line

Cable weight	43.00 kg/km
Cable abbreviation	J-LI02YS(ST) CH 2 x 2 x 26 AWG
Outer sheath, material	Plastic
External sheath, color	water blue RAL 5021
Single wire, material	Foam skin (polyethylene)
Individual wire diameter	1 mm (wires to pairs, pairs are arranged to form a cable core)
Single wire, cross section	0.14 mm ²
Single wire, color	white/orange-orange (pair 1)
Wave impedance	100 Ω ±15 %
Loop resistance	≤ 284.00 Ω/km
Working capacitance	48 nF (per kilometer)
Smallest bending radius, fixed installation	30 mm
Tensile strength short-term/long-term	50N bei Installation / 10N nach Installation

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Environmental and real-life conditions

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

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Approvals

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EAC

Approval ID: 19060508

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Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com