

# FL CAT5 HEAVY - Data cable

2744814

<https://www.phoenixcontact.com/us/products/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

## Commercial data

Item number	2744814
Packing unit	1 m
Minimum order quantity	1 m
Note	Made to order (non-returnable)
Sales key	BF04
Product key	AF1LEA
GTIN	4017918600518
Weight per piece (including packing)	66.72 g
Weight per piece (excluding packing)	45 g
Customs tariff number	85444993
Country of origin	DE

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## Technical data

### Product properties

Product type	Data cable by the meter
Number of positions	4
Shielded	yes

### Electrical properties

Nominal voltage $U_N$	48 V AC
Transmission medium	Copper
Transmission speed	100 Mbps

### Interfaces

Signal type/category	Ethernet CAT5 (IEC 11801), 100 Mbps
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### Cable/line

Cable length	Free input (0.25 ... 1000.0 m)
External sheath, color	blue

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 80 °C (cable, fixed installation)
Ambient temperature (operation)	-5 °C ... 60 °C (Cable, flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2744814>



**EAC-RoHS**

Approval ID: RU D-DE.HB35.B.00395

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## Classifications

### ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

### ETIM

ETIM 10.0	EC003249
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### 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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### EF3.1 Climate Change

CO2e kg	0.214 kg CO2e
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