

# CABLE-D37SUB/B/S/100/KONFEK/S - Cable



2302201

<https://www.phoenixcontact.com/us/products/2302201>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 1 m

## Commercial data

Item number	2302201
Packing unit	1 pc
Sales key	C421
Product key	CK2135
Catalog page	Page 570 (C-5-2019)
GTIN	4017918894740
Weight per piece (including packing)	302.3 g
Weight per piece (excluding packing)	278.7 g
Customs tariff number	85444290
Country of origin	HU

# CABLE-D37SUB/B/S/100/KONFEK/S - Cable



2302201

<https://www.phoenixcontact.com/us/products/2302201>

## Technical data

### Product properties

Product type	System cable
--------------	--------------

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation) -10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m

### Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 2 A (Uncoiled, see derating)

### Cable/line

Cable length	1 m
--------------	-----

#### 37X0.25 [PVC]

Number of positions	37
Shielded	yes
Cable type	37X0.25 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross section	37x 0.25 mm <sup>2</sup>
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	10.8 mm ±0.5 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 80 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Smallest bending radius, fixed installation	90 mm
Smallest bending radius, movable installation	170 mm
Max. bending cycles	5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
	IEC 60332-1-2 (raw cable)

# CABLE-D37SUB/B/S/100/KONFEK/S - Cable



2302201

<https://www.phoenixcontact.com/us/products/2302201>

Flame resistance	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

## color code

D-SUB37 (1)	D-SUB37 (1) = white
D-SUB37 (2)	D-SUB37 (2) = brown
D-SUB37 (3)	D-SUB37 (3) = green
D-SUB37 (4)	D-SUB37 (4) = yellow
D-SUB37 (5)	D-SUB37 (5) = gray
D-SUB37 (6)	D-SUB37 (6) = pink
D-SUB37 (7)	D-SUB37 (7) = blue
D-SUB37 (8)	D-SUB37 (8) = red
D-SUB37 (9)	D-SUB37 (9) = black
D-SUB37 (10)	D-SUB37 (10) = violet
D-SUB37 (11)	D-SUB37 (11) = gray-pink
D-SUB37 (12)	D-SUB37 (12) = red-blue
D-SUB37 (13)	D-SUB37 (13) = white-green
D-SUB37 (14)	D-SUB37 (14) = brown-green
D-SUB37 (15)	D-SUB37 (15) = white-yellow
D-SUB37 (16)	D-SUB37 (16) = yellow-brown
D-SUB37 (17)	D-SUB37 (17) = white-gray
D-SUB37 (18)	D-SUB37 (18) = gray-brown
D-SUB37 (19)	D-SUB37 (19) = white-pink
D-SUB37 (20)	D-SUB37 (20) = pink-brown
D-SUB37 (21)	D-SUB37 (21) = white-blue
D-SUB37 (22)	D-SUB37 (22) = brown-blue
D-SUB37 (23)	D-SUB37 (23) = white-red
D-SUB37 (24)	D-SUB37 (24) = brown-red
D-SUB37 (25)	D-SUB37 (25) = white-black
D-SUB37 (26)	D-SUB37 (26) = brown-black
D-SUB37 (27)	D-SUB37 (27) = gray-green
D-SUB37 (28)	D-SUB37 (28) = yellow-gray
D-SUB37 (29)	D-SUB37 (29) = pink-green
D-SUB37 (30)	D-SUB37 (30) = yellow-pink
D-SUB37 (31)	D-SUB37 (31) = green-blue
D-SUB37 (32)	D-SUB37 (32) = yellow-blue
D-SUB37 (33)	D-SUB37 (33) = green-red
D-SUB37 (34)	D-SUB37 (34) = yellow-red
D-SUB37 (35)	D-SUB37 (35) = green-black
D-SUB37 (36)	D-SUB37 (36) = yellow-black
D-SUB37 (37)	D-SUB37 (37) = gray-blue

# CABLE-D37SUB/B/S/100/KONFEK/S - Cable



2302201

<https://www.phoenixcontact.com/us/products/2302201>

## Connection data

### Connection 1

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB socket strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	37
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.77 mm

### Connection 2

Connection in acc. with standard	IEC 60807-2
	DIN 41652
Connection method	D-SUB pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	37
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200
Pitch	2.77 mm

## Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
---------	--

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)