

Cable reel - SAC-4P-100,0-PUR/SH-0,34



1501715

<https://www.phoenixcontact.com/pc/products/1501715>

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.

By the meter, Cable reel, shielded, PUR halogen-free, black-gray RAL 7021, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m



Commercial Data

Item number	1501715
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	BF1LBA
Catalog Page	Page 303 (C-2-2019)
GTIN	4017918813420
Weight per Piece (including packing)	3,754 g
Weight per Piece (excluding packing)	3,000.8 g
Customs tariff number	85444995
Country of origin	DE

Cable reel - SAC-4P-100,0-PUR/SH-0,34

1501715

<https://www.phoenixcontact.com/pc/products/1501715>

Technical Data

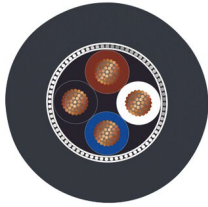
Product properties

Product type	Cable by the meter
Number of positions	4
Application	Connector
Shielded	yes

Cable / line

Cable length	100 m
--------------	-------

PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	36 kg/km
UL AWM Style	20549 / 10493 (80°C/300 V)
Number of positions	4
Shielded	yes
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross section	4x 0.34 mm ² (Signal line)
Wire diameter incl. insulation	1.27 mm ±0.02 mm (Signal line)
External cable diameter	4.95 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black-gray RAL 7021
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	brown, white, blue, black
Thickness, insulation	≥ 0.21 mm
Thickness, outer sheath	approx. 0.5 mm
Overall twist	4 wires, twisted
Optical shield covering	80 %
Max. conductor resistance	max. 58 Ω/km (at 20 °C)
Insulation resistance	≥ 100 GΩ*km (at 20 °C)
Wave impedance	≥ 62 Ω (f = 10 MHz)
Cable capacity	≤ 80 pF/m (Conductor-Conductor)

Cable reel - SAC-4P-100,0-PUR/SH-0,34



1501715

<https://www.phoenixcontact.com/pc/products/1501715>

	≤ 135 pF/m (Wire/shield)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Max. bending cycles	10000000
Halogen-free	in accordance with DIN VDE 0472 part 815
	in accordance with DIN EN 50267-2-1
Flame resistance	in accordance with UL 758/1581 FT2
	DIN EN 60332-2-2 (20 s)
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents
	hydrolysis and microbe resistant
	Resistant to salt water
	partly UV-resistant in accordance with DIN EN ISO 4892-2-A
	abrasion-resistant
Special properties	Flexible cable conduit capable
	Silicone-free
	Free of substances which would hinder coating with paint or varnish
	Low adhesion surface
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

Cable reel - SAC-4P-100,0-PUR/SH-0,34



1501715

<https://www.phoenixcontact.com/pc/products/1501715>

Approvals



EAC

Approval ID: RU D-DE.HB35.B.00371

Cable reel - SAC-4P-100,0-PUR/SH-0,34



1501715

<https://www.phoenixcontact.com/pc/products/1501715>

Classifications

ECLASS

ECLASS-9.0	27062011
ECLASS-10.0.1	27061801
ECLASS-11.0	27061801

ETIM

ETIM 8.0	EC003249
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

Cable reel - SAC-4P-100,0-PUR/SH-0,34



1501715

<https://www.phoenixcontact.com/pc/products/1501715>

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Cable reel - SAC-4P-100,0-PUR/SH-0,34

1501715

<https://www.phoenixcontact.com/pc/products/1501715>



Accessories

Stripping tool

Stripping tool - WIREFOX SAC - 1212623

<https://www.phoenixcontact.com/pc/products/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

Phoenix Contact 2022 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com