

SAC-5P-100,0-PVC/0,34 - Cable reel



1501841

<https://www.phoenixcontact.com/us/products/1501841>

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, PVC, black RAL 9005, 5-wire, color single wire: brown, white, blue, black, green-yellow, cable length: 100 m



Commercial data

Item number	1501841
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4017918813970
Weight per piece (including packing)	3,949 g
Weight per piece (excluding packing)	3,076.242 g
Customs tariff number	85444995
Country of origin	DE

SAC-5P-100,0-PVC/0,34 - Cable reel

1501841

<https://www.phoenixcontact.com/us/products/1501841>

Technical data

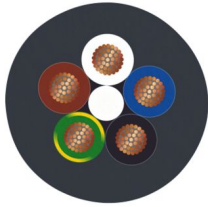
Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	5
Shielded	no

Cable/line

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

PVC black [PVC]

Dimensional drawing	
Cable weight	51 kg/km
UL AWM Style	2464 / 1729 (80°C/300 V)
Number of positions	5
Shielded	no
Cable type	PVC black [PVC]
Conductor structure signal line	19x 0.15 mm
AWG signal line	22
Conductor cross-section	5x 0.34 mm ² (Signal line)
Wire diameter incl. insulation	1.26 mm ±0.05 mm
External cable diameter	5.00 mm ±0.15 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, white, blue, black, green-yellow
Thickness, insulation	≥ 0.23 mm (Core insulation)
Thickness, outer sheath	≥ 0.76 mm
Overall twist	5 wires around filler to the core
Max. conductor resistance	max. 57 Ω/km (at 20 °C)
Insulation resistance	≥ 200 MΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Minimum bending radius, fixed installation	5 x D

SAC-5P-100,0-PVC/0,34 - Cable reel



1501841

<https://www.phoenixcontact.com/us/products/1501841>

Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	25 mm
Smallest bending radius, movable installation	50 mm
Flame resistance	UL VW-1
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-10 °C ... 80 °C (Cable, flexible installation)

SAC-5P-100,0-PVC/0,34 - Cable reel



1501841

<https://www.phoenixcontact.com/us/products/1501841>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1501841>



EAC-RoHS

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

SAC-5P-100,0-PVC/0,34 - Cable reel



1501841

<https://www.phoenixcontact.com/us/products/1501841>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

ETIM 10.0	EC003249
-----------	----------

UNSPSC

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

SAC-5P-100,0-PVC/0,34 - Cable reel



1501841

<https://www.phoenixcontact.com/us/products/1501841>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	35.621 kg CO2e
---------	----------------

Phoenix Contact 2026 © - 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