

# SAC-2P+D-24AWG-OE-OE-680-300,0 - Cable reel



1112974

<https://www.phoenixcontact.com/us/products/1112974>

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, PVC, gray, 2-wire, color single wire: brown, blue, cable length: 300 m, Foil shielding plus drain wire

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1112974       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF16          |
| Product key                          | BF1IIB        |
| GTIN                                 | 4063151034917 |
| Weight per piece (including packing) | 22.22 g       |
| Weight per piece (excluding packing) | 22.22 g       |
| Country of origin                    | US            |

# SAC-2P+D-24AWG-OE-OE-680-300,0 - Cable reel



1112974

<https://www.phoenixcontact.com/us/products/1112974>

## Technical data

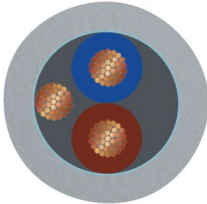
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 2                  |

### Electrical properties

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
|-----------------------|-------|

### Cable/line

|                                               |                                                                                     |
|-----------------------------------------------|-------------------------------------------------------------------------------------|
| Cable length                                  | 300 m                                                                               |
| Dimensional drawing                           |  |
| Cable weight                                  | 22.17 kg/km                                                                         |
| UL AWM Style                                  | 2517 (105 °C / 300 V)                                                               |
| Number of positions                           | 2                                                                                   |
| Shielded                                      | yes                                                                                 |
| AWG signal line                               | 24                                                                                  |
| Wire diameter incl. insulation                | 1.12 mm $\pm$ 0.03 mm                                                               |
| External cable diameter                       | 3.99 mm $\pm$ 0.2 mm                                                                |
| Outer sheath, material                        | PVC                                                                                 |
| External sheath, color                        | gray                                                                                |
| Conductor material                            | Tin-plated Cu litz wires                                                            |
| Material wire insulation                      | PVC (Signal line)                                                                   |
| Single wire, color                            | brown, blue                                                                         |
| Type of pair shielding                        | Plastic-coated aluminum foil, aluminum side inside                                  |
| Overall twist                                 | Conductors, fillers, and drain wire are twisted with left-hand lay                  |
| Max. conductor resistance                     | max. 80.2 $\Omega$ /km (20 °C)                                                      |
| Insulation resistance                         | $\geq$ (550 M Ohms/m @ 500V)                                                        |
| Nominal voltage, cable                        | 300 V                                                                               |
| Minimum bending radius, flexible installation | 8 x D                                                                               |
| Smallest bending radius, movable installation | 32 mm                                                                               |
| Flame resistance                              | FT4                                                                                 |
| Other resistance                              | UV resistant                                                                        |
| Ambient temperature (operation)               | -30 °C ... 105 °C (cable, fixed installation)                                       |

# SAC-2P+D-24AWG-OE-OE-680-300,0 - Cable reel



1112974

<https://www.phoenixcontact.com/us/products/1112974>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27061801 |
| ECLASS-12.0 | 27061801 |
| ECLASS-13.0 | 27061801 |

### ETIM

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

# SAC-2P+D-24AWG-OE-OE-680-300,0 - Cable reel



1112974

<https://www.phoenixcontact.com/us/products/1112974>

## Accessories

### WIREFOX SAC - Stripping tool

1212623

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