

# SAC-7P+D-24AWG-OE-OE-680-300,0 - Cable reel



1112986

<https://www.phoenixcontact.com/us/products/1112986>

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By the meter, Cable reel, shielded, PVC, gray, 7-wire, color single wire: white, brown, green, yellow, gray, pink, blue, cable length: 300 m, Foil shielding plus drain wire

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1112986       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF16          |
| Product key                          | AF1IIB        |
| GTIN                                 | 4063151035006 |
| Weight per piece (including packing) | 22.22 g       |
| Weight per piece (excluding packing) | 22.22 g       |
| Customs tariff number                | 85444290      |
| Country of origin                    | US            |

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## Technical data

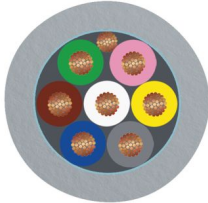
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 7                  |

### Electrical properties

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

### Cable/line

|   |   |
|---|---|
| Cable length                                  | 300 m   |
| Dimensional drawing                           |  |
| Cable weight                                  | 40.55 kg/km   |
| UL AWM Style                                  | 2517 (105 °C / 300 V)   |
| Number of positions                           | 7   |
| Shielded                                      | yes   |
| AWG signal line                               | 24  |
| Wire diameter incl. insulation                | 1.12 mm ±0.03 mm  |
| External cable diameter                       | 5.11 mm ±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                            | white, brown, green, yellow, gray, pink, 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 Ω/km (20 °C)  |
| Insulation resistance                         | ≥ (550 M Ohms/m @ 500V)   |
| Nominal voltage, cable                        | 300 V   |
| Minimum bending radius, flexible installation | 8 x D   |
| Smallest bending radius, movable installation | 41 mm   |
| Flame resistance                              | FT4   |
| Other resistance                              | UV resistant  |
| Ambient temperature (operation)               | -30 °C ... 105 °C (cable, fixed installation)                                       |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27061801 |
| ECLASS-15.0 | 27061801 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003249 |
|----------|----------|

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## Environmental product compliance

### EU RoHS

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

### China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50   |
|  | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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