

# SAC-5P-22AWG-OE-OE-544-100,0SH - Cable reel



1318406

<https://www.phoenixcontact.com/us/products/1318406>

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By the meter, Cable reel, shielded, PVC, gray, 5-wire, color single wire: brown, white, blue, black, gray, cable length: 100 m

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1318406       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF16          |
| Product key                          | AF1IIB        |
| GTIN                                 | 4063151600648 |
| Weight per piece (including packing) | 22.22 g       |
| Weight per piece (excluding packing) | 22.22 g       |
| Customs tariff number                | 85444995      |
| Country of origin                    | US            |

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## Technical data

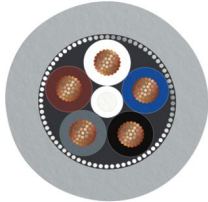
### Product properties

|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 5                  |

### Cable/line

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

PVC gray 105 °C [544]

|   |   |
|---|---|
| Dimensional drawing                           |  |
| Cable weight                                  | 40 kg/km  |
| UL AWM Style                                  | 2517 (105 °C / 300 V)   |
| Number of positions                           | 5   |
| Shielded                                      | yes   |
| Cable type                                    | PVC gray 105 °C [544]   |
| Conductor structure signal line               | 7x 0.25 mm  |
| AWG signal line                               | 22  |
| Wire diameter incl. insulation                | 1.27 mm ±0.03 mm  |
| External cable diameter                       | 5.90 mm ±0.2 mm   |
| Outer sheath, material                        | PVC   |
| External sheath, color                        | gray  |
| Conductor material                            | Tin-plated Cu litz wires  |
| Material wire insulation                      | PVC   |
| Single wire, color                            | brown, white, blue, black, gray   |
| Overall twist                                 | 5 wires, twisted  |
| Optical shield covering                       | 85 %  |
| Max. conductor resistance                     | max. 50.5 Ω/km (20 °C)  |
| Insulation resistance                         | ≥ (550 M Ohms/m @ 500V)   |
| Nominal voltage, cable                        | 300 V   |
| Minimum bending radius, flexible installation | 12 x D  |
| Smallest bending radius, movable installation | 71 mm   |
| Flame resistance                              | FT4   |
| Other resistance                              | UV resistant  |
| Special properties                            | UL standards PLTC and ITC   |

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|                                 |   |
|---------------------------------|---|
| Ambient temperature (operation) | -30 °C ... 105 °C (cable, fixed installation)   |
|                                 | -5 °C ... 105 °C (Cable, flexible installation) |

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## Classifications

### ECLASS

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

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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-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

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

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