

# SAC-5P-22AWG-OE-OE-542-300,0US - Cable reel

1422003

<https://www.phoenixcontact.com/us/products/1422003>



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By the meter, Cable reel, PVC, yellow, 5-wire, color single wire: brown, blue, black, white, gray,  
cable length: 300 m



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1422003       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF16          |
| Product key                          | AF1IIA        |
| GTIN                                 | 4055626324685 |
| 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

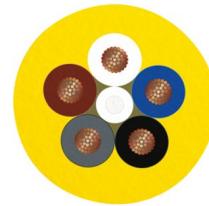
|                     |                    |
|---------------------|--------------------|
| Product type        | Cable by the meter |
| Application         | Connector          |
| Number of positions | 5                  |

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 300 m |
|--------------|-------|

PVC yellow 105 °C [542]

Dimensional drawing



|   |                                   |
|---|-----------------------------------|
| Cable weight                                  | 43 kg/km                          |
| UL AWM Style                                  | 2517 (105 °C / 300 V)             |
| Number of positions                           | 5                                 |
| Shielded                                      | no                                |
| Cable type                                    | PVC yellow 105 °C [542]           |
| 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                       | 5.40 mm ±0.2 mm                   |
| Outer sheath, material                        | PVC                               |
| External sheath, color                        | yellow                            |
| Conductor material                            | Tin-plated Cu litz wires          |
| Material, filler                              | PP                                |
| Material wire insulation                      | PVC                               |
| Single wire, color                            | brown, blue, black, white, gray   |
| Overall twist                                 | 5 wires around filler to the core |
| 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 | 8 x D                             |
| Smallest bending radius, movable installation | 44 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) |

## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422003>



**UL Listed**

Approval ID: FILE E 344675



**cUL Listed**

Approval ID: FILE E 344675

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121465 |
|-------------|----------|

## 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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