

# Flat-ribbon conductor - VS-ASI-FC-EPDM-YE 100M - 1432402

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm<sup>2</sup>, 100 m ring

## Key commercial data

|                        |  |
|------------------------|--|
| Packing unit           | 0  |
| Minimum order quantity | 1  |
| Catalog page           | Page 408 (PC-2011)   |
| GTIN                   | <br>4 046356 349291 |
| Custom tariff number   | 85444995   |
| Country of origin      | GERMANY  |

## Technical data

### Mechanical characteristics

|   |                                       |
|---|---------------------------------------|
| Number of positions                     | 2                                     |
| Shielded                                | No                                    |
| Type of cable                           | Flat-ribbon conductor                 |
| Cable structure                         | 2x 1.5 mm <sup>2</sup>                |
| Length of cable                         | 100 m                                 |
| Ambient temperature (operation)         | -25 °C ... 85 °C (Flexibly installed) |
| Ambient temperature (operation)         | -40 °C ... 85 °C (fixed routing)      |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C                      |

### Material data

|                        |                 |
|------------------------|-----------------|
| Outer sheath, material | EPDM (rubber)   |
| External sheath, color | Yellow RAL 1021 |

### Line characteristics

|                                 |                        |
|---------------------------------|------------------------|
| Type of cable                   | Flat-ribbon conductor  |
| Cable abbreviation              | 3G3G-FL                |
| Cable structure                 | 2x 1.5 mm <sup>2</sup> |
| Conductor cross section         | 1.5 mm <sup>2</sup>    |
| AWG signal line                 | 16                     |
| Conductor structure signal line | 76x 0.16 mm            |

# Flat-ribbon conductor - VS-ASI-FC-EPDM-YE 100M - 1432402

## Technical data

### Line characteristics

|                                    |   |
|------------------------------------|---|
| Core diameter including insulation | 2.5 mm  |
| Thickness, insulation              | Approx. 0.5 mm                                  |
| Wire colors                        | brown, blue                                     |
| External sheath, color             | lemon yellow RAL 1012                           |
| Nominal voltage, conductor         | U <sub>0</sub> 32 V                             |
| Test voltage, conductor            | 1000 V AC                                       |
| Outer sheath, material             | EPDM (rubber)                                   |
| Conductor material                 | Tin-plated Cu litz wires                        |
| Cable weight                       | 85 kg/km  |
| cable layer type                   | Indoors   |
| Special properties                 | Silicone-free                                   |
| Other resistance                   | Resistant to ozone                              |
| Ambient temperature (operation)    | -40 °C ... 85 °C (cable, fixed installation)    |
| Ambient temperature (operation)    | -25 °C ... 85 °C (cable, flexible installation) |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27062002 |
| eCl@ss 5.1 | 27062002 |
| eCl@ss 6.0 | 27062002 |
| eCl@ss 7.0 | 27062002 |

### etim

|          |          |
|----------|----------|
| ETIM 3.0 | EC000825 |
| ETIM 4.0 | EC000825 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## Accessories

Accessories

Assembly

## Flat-ribbon conductor - VS-ASI-FC-EPDM-YE 100M - 1432402

### Accessories

Grommet - ASI SACB KABEL-ENDDICHTUNG - 1692336



End sealing for AS-Interface flat-ribbon conductor, can be used on both sides, color:Black

---

Fastening clip - VS-ASI-2FC-FIX - 1404757



Fastening clip for two AS-Interface flat conductors, self-adhesive and with a 3 mm hole for additional fastening, plastic, gray

---

Fastening clip - ASI CC FIX FCAB - 2741354



Fixing clips for flat-ribbon cable, for AS-i modules

---

### Tools

Stripping tool - WIREFOX ASI - 1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

---

Connector - Q 1,5/4IDC/24-24KU-KU-ASI-BK - 1585058



Flat conductor connector with QUICKON fast connection technology, 4-pos., for connecting one or two AS-interface flat conductors

---