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Especialistas en Automatización

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## FO cable - FL FOC PN-B-HCS-200/230 - 2313766

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PROFINET PCF fiber cables, duplex 200/230 µm, for indoor installation, type B, PVC outer sheath, sold by the meter, without plugs

### Why buy this product

- Universal installation cable for fixed installation indoors
- PVC outer sheath
- 2.2 mm individual wires made from extremely hard-wearing polyvinyl chloride (PVC)
- PROFINET type B
- Halogen-free, ozone, and UV resistant



### Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 1 M                 |
| GTIN         | <br>4 046356 573382 |

### Technical data

#### Mechanical characteristics

|                |                 |
|----------------|-----------------|
| Fiber          | HCS, 200/230 µm |
| Cable diameter | 7.2 mm          |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 90 °C |
| Ambient temperature (storage/transport) | -40 °C ... 90 °C |
| Altitude                                | 5000 m           |

#### Material data

|                        |       |
|------------------------|-------|
| Outer sheath, material | PVC   |
| External sheath, color | green |

#### Line characteristics

|                    |                          |
|--------------------|--------------------------|
| Cable type         | PCF                      |
| Cable abbreviation | AT-V(ZN)YY 2K200/230 HCS |

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## Technical data

### Line characteristics

|   |  |
|---|--|
| Length of cable                         | Free input (1.0 ... 2000 m)              |
| External cable diameter                 | 7.2 mm                                   |
| Wire colors                             | Black and orange with arrow labeling     |
| External sheath, color                  | green                                    |
| Outer sheath, material                  | PVC                                      |
| Strain relief elements, external sheath | Non-metallic, aramide fiber              |
| Cable weight                            | 45 kg/km                                 |
| Bending radius, single element          | 30 mm (Short-term)<br>50 mm (Permanent)  |
| Bending radius, entire cable            | 70 mm (Short-term)<br>105 mm (Permanent) |
| Tensile strength short-term/long-term   | 800 N / 100 N                            |
| Lateral pressure short term             | 500 N/cm                                 |
| Lateral pressure, long-term             | 300 N/cm                                 |
| cable layer type                        | Indoors                                  |
| Resistance to oil                       | very good oil and chemical resistance    |
| Fiber                                   | HCS, 200/230 µm                          |

### Attenuation

|        |          |
|--------|----------|
| 660 nm | 10 dB/km |
| 850 nm | 8 dB/km  |

### Standards and Regulations

|                   |  |
|-------------------|--|
| Resistance to oil | very good oil and chemical resistance                    |
| Behavior in fire  | Flame-resistant as per IEEE and IEC 60 332-3 test type C |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27061001 |
| eCl@ss 4.1 | 27061001 |
| eCl@ss 5.0 | 27061803 |
| eCl@ss 5.1 | 27061803 |
| eCl@ss 6.0 | 27061803 |
| eCl@ss 7.0 | 27061803 |
| eCl@ss 8.0 | 27061803 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000034 |
| ETIM 3.0 | EC000034 |
| ETIM 4.0 | EC000034 |
| ETIM 5.0 | EC000034 |

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121607 |
| UNSPSC 7.0901 | 26121607 |
| UNSPSC 11     | 26121607 |
| UNSPSC 12.01  | 26121607 |
| UNSPSC 13.2   | 26121607 |

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