

# KC-88014311/20,00 - Hybrid cable



1622080

<https://www.phoenixcontact.com/us/products/1622080>

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Hybrid cable, cable length: 20 m, shielded: yes, color of outer sheath: orange RAL 2003



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1622080       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB36          |
| Product key                          | ABRGCA        |
| GTIN                                 | 4055626014432 |
| Weight per piece (including packing) | 7,400 g       |
| Weight per piece (excluding packing) | 7,400 g       |
| Customs tariff number                | 85444995      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|                    |                         |
|--------------------|-------------------------|
| Notes on operation | Observe derating curve. |
|--------------------|-------------------------|

### Product properties

|              |                    |
|--------------|--------------------|
| Product type | Cable by the meter |
|--------------|--------------------|

### Connector

#### Cable specifications

|                                                           |                                                                                                                                                                                  |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable type                                                | HDSL11Y-J                                                                                                                                                                        |
| Transmission speed                                        | CAT5                                                                                                                                                                             |
| Transmission speed                                        | 100 Mbps (Data interface)                                                                                                                                                        |
| Shielded                                                  | yes                                                                                                                                                                              |
| Cable structure                                           | (5x 2.5 + 2x (2x 0.5) + (4x 0.34)C) C                                                                                                                                            |
| External cable diameter                                   | 15.50 mm ±0.5 mm                                                                                                                                                                 |
| Outer sheath, material                                    | PUR                                                                                                                                                                              |
| Material wire insulation                                  | TPE                                                                                                                                                                              |
| External sheath, color                                    | orange RAL 2003                                                                                                                                                                  |
| Single wire, color                                        | black 1, black 2, black 3, black 4, green/yellow Power wires + PE<br>brown, violet, black 5, green Signal wires<br>blue, yellow, white, orange Data wires                        |
| Nominal voltage, cable                                    | 1000 V (300 V signal)                                                                                                                                                            |
| Test voltage                                              | 4 kV (1.5 kV signal)                                                                                                                                                             |
| Rated current                                             | 26 A (Power, in accordance with DIN VDE 0298-4 Tab. 11/5, at 15°C)<br>8 A (Signal, according to DIN VDE 0298-4 tab. 11/5)<br>3.6 A (Data, according to DIN VDE 0298-4 tab. 11/5) |
| Smallest bending radius, fixed installation               | 73 mm                                                                                                                                                                            |
| Smallest bending radius, movable installation             | 148 mm                                                                                                                                                                           |
| Max. bending cycles                                       | 1000000                                                                                                                                                                          |
| Traversing path                                           | 6 m                                                                                                                                                                              |
| Acceleration                                              | 30 m/s <sup>2</sup>                                                                                                                                                              |
| Ambient temperature (operation) for fixed installation    | -40 °C ... 80 °C (fixed installation)                                                                                                                                            |
| Ambient temperature (operation) for flexible installation | -20 °C ... 80 °C (flexible installation)                                                                                                                                         |
| UL AWM style                                              | 20234 / 10492 (80°C/1000 V)                                                                                                                                                      |
| Special properties                                        | Flexible cable conduit capable                                                                                                                                                   |
| Flame resistance                                          | IEC 60332-1-2                                                                                                                                                                    |
| Halogen-free                                              | in accordance with EN 50267-2-1                                                                                                                                                  |
| Resistance to oil                                         | EN 60811-2-1                                                                                                                                                                     |

### Cable/line

|              |      |
|--------------|------|
| Cable length | 20 m |
|--------------|------|

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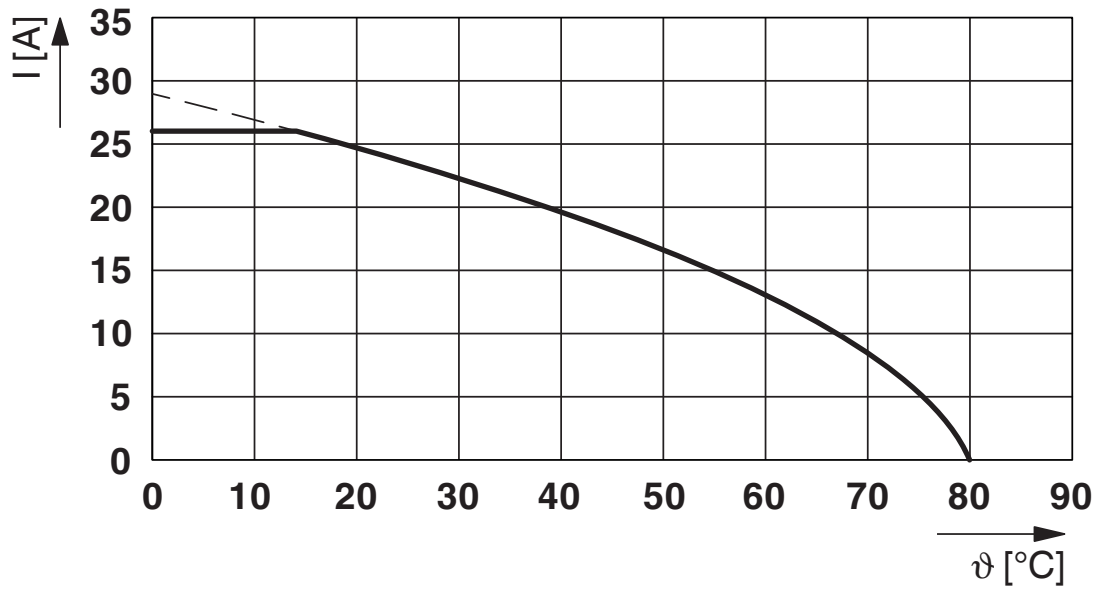
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## Drawings

Diagram



3 x 26 A + 4 x 2 A + 4 x 1 A

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1622080>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27060106 |
| ECLASS-15.0 | 27060106 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003250 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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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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