

# CAB-M104CFM/OE/22/S/15M - Cable



2909793

<https://www.phoenixcontact.com/us/products/2909793>

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Assembled shielded round cable; connection 1: Single wires (49-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: Connector (1x 104-position); cable length: 15 m

## Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- Individual wires fitted with ferrules
- Open end at one end
- AMP M-Series connector at one end

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2909793                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | DK2BL4                         |
| GTIN                                 | 4055626682846                  |
| Weight per piece (including packing) | 22.22 g                        |
| Weight per piece (excluding packing) | 22.22 g                        |
| Customs tariff number                | 85444290                       |
| Country of origin                    | US                             |

## Technical data

### Product properties

|              |              |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

### Environmental and real-life conditions

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

### Electrical properties

|                        |            |
|------------------------|------------|
| Operating voltage (AC) | ≤ 125 V AC |
| Operating voltage (DC) | ≤ 125 V DC |
| Current (Per path)     | ≤ 2 A      |

### Cable/line

|                         |                                |
|-------------------------|--------------------------------|
| Cable length            | 15 m                           |
| Number of positions     | 50                             |
| Shielded                | yes                            |
| Conductor type          | Assembled shielded round cable |
| AWG signal line         | 22                             |
| Conductor cross-section | 50x 0.36 mm <sup>2</sup>       |
| External cable diameter | 14.10 mm                       |
| Halogen-free            | no                             |

#### Color code: Single-core wire

|              |                   |
|--------------|-------------------|
| black        | M104CFM (1) = ()  |
| white        | M104CFM (3) = ()  |
| red          | M104CFM (5) = ()  |
| green        | M104CFM (6) = ()  |
| orange       | M104CFM (8) = ()  |
| blue         | M104CFM (10) = () |
| white-black  | M104CFM (11) = () |
| red-black    | M104CFM (13) = () |
| green-black  | M104CFM (14) = () |
| orange-black | M104CFM (16) = () |
| blue-black   | M104CFM (17) = () |
| black-white  | M104CFM (19) = () |
| red-white    | M104CFM (21) = () |
| green-white  | M104CFM (22) = () |
| blue-white   | M104CFM (24) = () |
| black-red    | M104CFM (27) = () |
| white-red    | M104CFM (36) = () |

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|                    |                    |
|--------------------|--------------------|
| orange-red         | M104CFM (41) = ()  |
| blue-red           | M104CFM (43) = ()  |
| red-green          | M104CFM (44) = ()  |
| orange-green       | M104CFM (45) = ()  |
| black-white-red    | M104CFM (46) = ()  |
| white-black-red    | M104CFM (47) = ()  |
| red-black-white    | M104CFM (49) = ()  |
| green-black-white  | M104CFM (56) = ()  |
| orange-black-white | M104CFM (57) = ()  |
| blue-black-white   | M104CFM (64) = ()  |
| black-red-green    | M104CFM (65) = ()  |
| white-red-green    | M104CFM (70) = ()  |
| red-black-green    | M104CFM (71) = ()  |
| green-black-orange | M104CFM (72) = ()  |
| orange-black-green | M104CFM (73) = ()  |
| blue-white-orange  | M104CFM (74) = ()  |
| black-white-orange | M104CFM (75) = ()  |
| white-red-orange   | M104CFM (78) = ()  |
| orange-white-blue  | M104CFM (79) = ()  |
| white-red-blue     | M104CFM (84) = ()  |
| black-white-green  | M104CFM (85) = ()  |
| white-black-green  | M104CFM (90) = ()  |
| red-white-green    | M104CFM (91) = ()  |
| green-white-blue   | M104CFM (92) = ()  |
| orange-red-green   | M104CFM (94) = ()  |
| blue-red-green     | M104CFM (95) = ()  |
| black-white-blue   | M104CFM (96) = ()  |
| white-black-blue   | M104CFM (98) = ()  |
| red-white-blue     | M104CFM (100) = () |
| green-orange-red   | M104CFM (101) = () |
| orange-red-blue    | M104CFM (102) = () |
| blue-orange-red    | M104CFM (104) = () |

## Connection data

### Field level

|                       |           |
|-----------------------|-----------|
| Connection method     | Connector |
| Number of connections | 1         |
| Number of positions   | 104       |

### Controller level

|                     |  |
|---------------------|--|
| Connection method   | Single wires   |
| Number of positions | 49   |
| Note                | The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end. |

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## Notes

Notes on operation

For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

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## Classifications

### ECLASS

ECLASS-13.0

27242220

### ETIM

ETIM 9.0

EC000237

### UNSPSC

UNSPSC 21.0

26121600

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## Environmental product compliance

EU REACH SVHC

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

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