

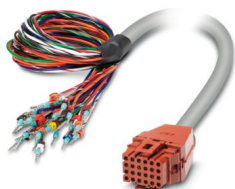
# CAB-TE MR24F/OE/24/S/30M - Cable



2909751

<https://www.phoenixcontact.com/us/products/2909751>

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Migration cable for Bailey NET90/Infi90 to modern control platforms. Open-end cable for universal configurations, 24 conductors, 30.0 m

## Your advantages

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

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2909751                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | DK2BZZ                         |
| GTIN                                 | 4055626682679                  |
| 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 | 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)     | ≤ 1 A      |

### Cable/line

|                         |                                |
|-------------------------|--------------------------------|
| Cable length            | 30 m                           |
| Number of positions     | 25                             |
| Shielded                | yes                            |
| Conductor type          | Assembled shielded round cable |
| AWG signal line         | 24                             |
| Conductor cross-section | 25x 0.25 mm <sup>2</sup>       |
| External cable diameter | 9.40 mm                        |
| Halogen-free            | no                             |

#### Color code: Single-core wire

|              |                 |
|--------------|-----------------|
| black        | MR24F (1) = ()  |
| white        | MR24F (2) = ()  |
| red          | MR24F (3) = ()  |
| green        | MR24F (4) = ()  |
| orange       | MR24F (5) = ()  |
| blue         | MR24F (6) = ()  |
| white-black  | MR24F (7) = ()  |
| red-black    | MR24F (8) = ()  |
| green-black  | MR24F (9) = ()  |
| orange-black | MR24F (10) = () |
| blue-black   | MR24F (11) = () |
| black-white  | MR24F (12) = () |
| red-white    | MR24F (13) = () |
| green-white  | MR24F (14) = () |
| blue-white   | MR24F (15) = () |
| black-red    | MR24F (16) = () |
| white-red    | MR24F (17) = () |

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|                 |                 |
|-----------------|-----------------|
| orange-red      | MR24F (18) = () |
| blue-red        | MR24F (19) = () |
| red-green       | MR24F (20) = () |
| orange-green    | MR24F (21) = () |
| black-white-red | MR24F (22) = () |
| white-black-red | MR24F (23) = () |
| red-black-white | MR24F (24) = () |

## Connection data

### Field level

|                       |                                      |
|-----------------------|--------------------------------------|
| Connection method     | Miniature rectangular (MR) connector |
| Number of connections | 1                                    |
| Number of positions   | 24                                   |

### Controller level

|                     |   |
|---------------------|---|
| Connection method   | Single wires                                  |
| Number of positions | 24  |
| Note                | The wires are marked and fitted with ferrules |

## 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

### 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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