

# CAB-TE MR24F/OE/24/TP/S/ 1M - Cable



2909683

<https://www.phoenixcontact.com/us/products/2909683>

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 documentation. Our general terms of use for downloads are valid.



Assembled shielded round cable; controller: Bailey INFI 90; connection 1: Twisted pair (24-position) (The wires are marked and fitted with ferrules); connection 2: Miniature rectangular (MR) connector (1x 24-position); cable length: 1 m

## Your advantages

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

## Commercial data

Item number	2909683
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK2BZZ
GTIN	4055626682266
Country of origin	US

# CAB-TE MR24F/OE/24/TP/S/ 1M - Cable



2909683

<https://www.phoenixcontact.com/us/products/2909683>

## 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	1 m
Number of positions	12
Shielded	yes
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x
AWG signal line	24
Conductor cross-section	12x 0.21 mm <sup>2</sup>
External cable diameter	10.34 mm
Halogen-free	no

#### Color code: Single-core wire

white-blue	MR24 (1) = ()
blue-white	MR24 (2) = ()
white-orange	MR24 (3) = ()
orange-white	MR24 (4) = ()
white-green	MR24 (5) = ()
green-white	MR24 (6) = ()
white-brown	MR24 (7) = ()
brown-white	MR24 (8) = ()
white-gray	MR24 (9) = ()
gray-white	MR24 (10) = ()
red-blue	MR24 (11) = ()
blue-red	MR24 (12) = ()
red-orange	MR24 (13) = ()
orange-red	MR24 (14) = ()
red-green	MR24 (15) = ()
green-red	MR24 (16) = ()

# CAB-TE MR24F/OE/24/TP/S/ 1M - Cable



2909683

<https://www.phoenixcontact.com/us/products/2909683>

red-brown	MR24 (17) = ()
brown-red	MR24 (18) = ()
red-gray	MR24 (19) = ()
gray-red	MR24 (20) = ()
black-blue	MR24 (21) = ()
blue-black	MR24 (22) = ()
black-orange	MR24 (23) = ()
orange-black	MR24 (24) = ()

## Connection data

### Field level

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

### Controller level

Connection method	Twisted pair
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.
--------------------	--

# CAB-TE MR24F/OE/24/TP/S/ 1M - Cable



2909683

<https://www.phoenixcontact.com/us/products/2909683>

## Environmental product compliance

EU REACH SVHC

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

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)