

# CAB-TE MR36F/OE/24/S/30M - Cable



2909736

<https://www.phoenixcontact.com/us/products/2909736>

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.



Migration cable for Bailey INFI 90 to modern control platforms. Open-end cable for universal configurations, 36 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	2909736
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK2BZZ
GTIN	4055626682617
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	US

# CAB-TE MR36F/OE/24/S/30M - Cable



2909736

<https://www.phoenixcontact.com/us/products/2909736>

## 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	37
Shielded	yes
Conductor type	Assembled shielded round cable
AWG signal line	24
Conductor cross-section	37x 0.25 mm <sup>2</sup>
External cable diameter	10.50 mm
Halogen-free	no

#### Color code: Single-core wire

black	MR36F (1) = ()
white	MR36F (2) = ()
red	MR36F (3) = ()
green	MR36F (4) = ()
orange	MR36F (5) = ()
blue	MR36F (6) = ()
white-black	MR36F (7) = ()
red-black	MR36F (8) = ()
green-black	MR36F (9) = ()
orange-black	MR36F (10) = ()
blue-black	MR36F (11) = ()
black-white	MR36F (12) = ()
red-white	MR36F (13) = ()
green-white	MR36F (14) = ()
blue-white	MR36F (15) = ()
black-red	MR36F (16) = ()
white-red	MR36F (17) = ()

# CAB-TE MR36F/OE/24/S/30M - Cable



2909736

<https://www.phoenixcontact.com/us/products/2909736>

orange-red	MR36F (18) = ()
blue-red	MR36F (19) = ()
red-green	MR36F (20) = ()
orange-green	MR36F (21) = ()
black-white-red	MR36F (22) = ()
white-black-red	MR36F (23) = ()
red-black-white	MR36F (24) = ()
green-black-white	MR36F (25) = ()
orange-black-white	MR36F (26) = ()
blue-black-white	MR36F (27) = ()
black-red-green	MR36F (28) = ()
white-red-green	MR36F (29) = ()
red-black-green	MR36F (30) = ()
green-black-orange	MR36F (31) = ()
orange-black-green	MR36F (32) = ()
blue-white-orange	MR36F (33) = ()
black-white-orange	MR36F (34) = ()
white-red-orange	MR36F (35) = ()
orange-white-blue	MR36F (36) = ()

## Connection data

### Field level

Connection method	Miniature rectangular (MR) connector
Number of connections	1
Number of positions	36

### Controller level

Connection method	Single wires
Number of positions	37
Note	The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.

## 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 MR36F/OE/24/S/30M - Cable



2909736

<https://www.phoenixcontact.com/us/products/2909736>

## Classifications

### UNSPSC

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

# CAB-TE MR36F/OE/24/S/30M - Cable



2909736

<https://www.phoenixcontact.com/us/products/2909736>

## 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)