

CABLE-M17HYBRID-10M - Hybrid cable



1681103

<https://www.phoenixcontact.com/us/products/1681103>

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Hybrid cable, cable length: 10 m, shielded: yes, color of outer sheath: orange RAL 2003



Commercial data

Item number	1681103
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB38
Product key	ABRGCA
GTIN	4067923235670
Weight per piece (including packing)	2,418 g
Weight per piece (excluding packing)	2,388 g
Customs tariff number	85444995
Country of origin	DE

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Technical data

Product properties

Product type	Cable by the meter
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Cable/line

Cable length	10 m
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Cable specifications

Shielded	yes
Cable structure	(4x1,5 mm ² +(4x0,34 mm ² C)+(2x0,75 mm ²)+(2x0,5 mm ²))C
External cable diameter	12.00 mm ±0.3 mm
Outer sheath, material	PUR
Material wire insulation	PO / PP
External sheath, color	orange RAL 2003
Single wire, color	black 1, black 2, black 3, green/yellow Power wires + PE
	brown, violet Signal wires 0.50 mm ²
	green, gray Signal wires 0.75 mm ²
	blue, yellow, white, orange Data wires
Nominal voltage, cable	600 V (50 V signal)
Rated current	14 A (Power, in accordance with DIN VDE 0298-4 Tab. 11/5)
	8 A (Signal, according to DIN VDE 0298-4 tab. 11/5)
	3.6 A (Data, according to DIN VDE 0298-4 tab. 11/5)
Smallest bending radius, fixed installation	60 mm
Smallest bending radius, movable installation	90 mm
Max. bending cycles	5000000
Traversing path	10 m
Acceleration	20 m/s ²
Ambient temperature (operation) for fixed installation	-40 °C ... 80 °C (fixed installation)
Ambient temperature (operation) for flexible installation	-30 °C ... 80 °C (flexible installation)
UL AWM style	21223 (80 °C / 600 V)
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1
Halogen-free	yes
Resistance to oil	EN 60811-2-1

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Classifications

ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

ETIM

ETIM 10.0	EC003250
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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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