

KC-88014448/20,00 - Hybrid cable



1627299

<https://www.phoenixcontact.com/us/products/1627299>

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.

Hybrid cable, CAT5, 100 Mbps, cable length: 20 m, shielded: yes, color of outer sheath: orange
RAL 2003



Commercial data

Item number	1627299
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB36
Product key	ABRGCA
GTIN	4055626297811
Weight per piece (including packing)	17,070 g
Weight per piece (excluding packing)	17,070 g
Customs tariff number	85444995
Country of origin	DE

KC-88014448/20,00 - Hybrid cable



1627299

<https://www.phoenixcontact.com/us/products/1627299>

Technical data

Notes

Notes on operation	Observe derating curve.
Order information:	Recommended hybrid cable: (4 x 1.5 mm ² + (4 x 0.34 mm ² C) + (2 x 0.75 mm ²) + (2 x 0.50 mm ²)) C Lynxco, order number 10580074

Product properties

Product type	Cable by the meter
--------------	--------------------

Cable/line

Cable length	20 m
--------------	------

Cable specifications

Cable type	HDSL11Y-J
Transmission speed	CAT5
Transmission speed	100 Mbps (Data interface)
Shielded	yes
Cable structure	(5x 10 + (4x 1.5) + (4x 0.34)C) C
External cable diameter	21.40 mm ±0.7 mm
Outer sheath, material	PUR
Material wire insulation	PP
External sheath, color	orange RAL 2003
Single wire, color	black, black, black, black, green/yellow Power wires: black U/ L1, black V/ L2, black W/ L3, black N/ 4, green/yellow brown, violet, black, green Signal wires blue, yellow, white, orange Data wires
Nominal voltage, cable	1000 V
Test voltage	4 kV
Rated current	61 A (Power, according to DIN VDE 0298-4 tab. 11/5) 18 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	107 mm
Smallest bending radius, movable installation	160.5 mm
Max. bending cycles	5000000
Traversing path	5 m
Acceleration	30 m/s ²
Ambient temperature (operation) for fixed installation	-40 °C ... 80 °C
Ambient temperature (operation) for flexible installation	-20 °C ... 60 °C
UL AWM style	20234 / 10492 (80°C/1000 V)
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1-2
Halogen-free	yes

KC-88014448/20,00 - Hybrid cable

1627299

<https://www.phoenixcontact.com/us/products/1627299>



Resistance to oil	EN 60811-2-1
-------------------	--------------

KC-88014448/20,00 - Hybrid cable



1627299

<https://www.phoenixcontact.com/us/products/1627299>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1627299>



EAC

Approval ID: 19060508

KC-88014448/20,00 - Hybrid cable



1627299

<https://www.phoenixcontact.com/us/products/1627299>

Classifications

ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

ETIM

ETIM 10.0	EC003250
-----------	----------

UNSPSC

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

KC-88014448/20,00 - Hybrid cable



1627299

<https://www.phoenixcontact.com/us/products/1627299>

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%
-------------------------------------	----------------------------

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