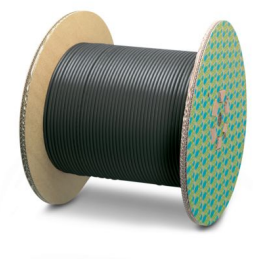
SAC-8P-PVC-0,25/... - Cable reel

1408524

https://www.phoenixcontact.com/us/products/1408524

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By the meter, Cable reel, PVC, black RAL 9005, 8-wire, color single wire: white, brown, green, yellow, gray, pink, blue, red, cable length: Free input (110.0 ... 500 m), Supplied on a cable drum in up to two parts (details: see technical data)

Commercial data

Item number	1408524
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF17
Product key	AF1LBA
Customs tariff number	85444995
Country of origin	DE

Technical data

Notes

Order information:	The ordered cable length can be supplied in up to two parts (each > 100 m) on one cable drum. Corresponding deliveries are marked accordingly.

Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	8
Shielded	no

Cable/line

Cable length	Free input (110.0 ... 500 m)

PVC black [PVC]

Dimensional drawing	
Cable weight	54 kg/km
UL AWM Style	2464 / 1729 (80°C/300 V)
Number of positions	8
Shielded	no
Cable type	PVC black [PVC]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	8x 0.25 mm² (Signal line)
Wire diameter incl. insulation	1.19 mm ±0.02 mm
External cable diameter	5.90 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation	≥ 0.23 mm
Thickness, outer sheath	≥ 0.76 mm
Overall twist	8 wires around filler to the core
Max. conductor resistance	78 Ω/km (at 20 °C)

Insulation resistance	≥ 200 MΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V AC
Test voltage	≥ 3000 V AC (Spark test)
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	59 mm
Flame resistance	According to UL 758/1581 (Cable Flame)
	according to UL 758/1581 FT1
Resistance to oil	According to DIN EN 60811-2-1, 168 h at 80°C
Special properties	flexible
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1408524

EAC-RoHS
Approval ID: RU D-DE.HB35.B.00371

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

ETIM 10.0	EC003249

UNSPSC

UNSPSC 21.0	26121600

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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