

SAC-8P-100,0-PUR/SH-0,25

Order No.: 1550643



Cable ring, halogen-free PUR, black, 8-pos., shielded, conductor colors: White / brown / green / yellow / gray / pink / blue / red, cable length: 100 m

Commercial data

EAN	 4 046356 170451
Note	Made-to-order
Pack	1
Customs tariff	85444995
Catalog page information	Page 134 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-11-10



Technical data

General data

Number of positions	8
Length of cable	100 m

Conductor data

Cable type	PUR halogen-free black shielded
Cable abbreviation	Li9Y-V1-C-V1-11Y

Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	32 x 0.10 mm
Core diameter including insulation	1.17 mm ±0.02 mm
Thickness, insulation	≥ 0.21 mm (Core insulation)
	Approx. 0.6 mm (Outer cable sheath)
External cable diameter	5.90 mm
Wire colors	Brown, white, green, yellow, gray, pink, blue, red
External sheath, color	Black-gray RAL 7021
Insulation resistance	≥ 100 GΩ*km
Conductor resistance	max. 78 Ω/km
Nominal voltage, conductor	≤ 300 V
Test voltage, conductor	≥ 3000 V
Overall twist	8 wires around filler to the core
Shielding	Braided copper wires
Optical shield covering	85 %
Outer sheath, material	PUR
Material, filler	PE
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	54 kg/km
Smallest bending radius, fixed installation	59 mm
Smallest bending radius, movable installation	59 mm
Number of bending cycles	4000000
Bending radius	59 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Certificates



Certification

CUL Listed, UL Listed

Accessories

Item	Designation	Description
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Tools

1212623	WIREFOX SAC	Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length
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