



Single core power cables for extremely dynamic applications MOTIONLINE® ADVANCED

STANDARDS

Product UL and CSA approval

MOTIONLINE® Power supply single core cables for dynamic applications with PVC Jacket, unshielded, resistant to oils, flame retardant.

DESIGN

- Conductor
- Stranded bare copper
- Core insulation
- PVC
- Black or green - yellow
- Jacket
- PVC
- Black

CONTACT

Market information
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Halogen free



Operating temp.
 -30 ... 80 °C



Storage temperature, range
 -30 ... 80 °C



Oil resistance
 IEC 60332 - 1 - 2; UL 1581 FT1
 DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404



CHARACTERISTICS

	Bending - resistant conductor with bare copper wires TPM with very low capacitance PUR
Sheath colour	
Halogen free	
Rated Voltage U _o /U	0.6/1 kV 4000 V
Bending cycles	5 Mio.
Speed	180 m/min
Maximum acceleration	10 m/s ²
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
操作度范	- 30 ... 80 °C
Storage temperature, range	- 30 ... 80 °C
	IEC 60332 - 1 - 2; UL 1581 FT1
Oil resistance	DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404

PRODUCT LIST

Reference	Country Ref.	Name	Copper content [kg/km]	() [kg/km]
☎ 10553184	-	SINGLE CORE POWER CABLES 1x6 1x6	58	110
☎ 49346810	-	SINGLE CORE POWER CABLES 1x10 1x10	97	166
☎ 49346910	-	SINGLE CORE POWER CABLES 1x16 1x16	154	256
☎ 49347010	-	SINGLE CORE POWER CABLES 1x25 1x25	240	362
☎ 49348910	-	SINGLE CORE POWER CABLES 1x35 1x35	340	466
☎ 49349010	-	SINGLE CORE POWER CABLES 1x50 1x50	490	686
☎ 10553191	-	SINGLE CORE POWER CABLES 1x70 1x70	690	950
☎ 49349210	-	SINGLE CORE POWER CABLES 1x95 1x95	915	1276
☎	-	SINGLE CORE POWER CABLES 1x120 1x120	1152	1553
☎	-	SINGLE CORE POWER CABLES 1x150 1x150	1460	1670
☎	-	SINGLE CORE POWER CABLES 1x185 1x185	1800	2100

☎ = Make to order, ☒ = In stock,