

RKM52-1-RSM52

Power Supply Cable, PUR – Extension Cable



Technical data

Type	RKM52-1-RSM52
ID	6914149
Connector A	Female, 7/8"-16 UN, Straight
Number of pins	4+PE
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
Connector B	Male, 7/8"-16 UN, Straight
Number of Pins	4+PE
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only when screwed together
Cable	
Cable diameter	Ø 8.5 mm ±0.30
Cable length	1 m
Cable jacket	PUR, Gray
Shielding	no
Core insulation	PP
Core cross-section	5 x 1.5 mm²

Features



- Power cable: 5 × 1.5 mm²
- Jacket material: PUR, color: gray
- Jacket diameter: 8.5 mm
- Suitable for drag chain use
- Oil resistant and flame retardant
- Halogen free
- 7/8" male, straight
- 7/8" female, straight
- Cable length: 1.0 m

Cable Cross-Section



Contact assignment



Technical data

Arrangement of strands	84 x 0.15 mm
Core cross-section	1.5 mm ²
Core colors	BN, WH, BU, BK, GNYE
Electrical properties at +20 °C	
Rated voltage	300 V
Test voltage	500 V
Current	12 A
Mechanical and chemical properties	
Bending radius (flexible use)	≥ 10 x Ø
Ambient temperature (fixed)	-25...+80 °C
Ambient temperature (mobile)	-25...+80 °C
Ambient temperature (drag chain)	-25...+80 °C
Other Features	
Qualified for drag chain use	yes
Halogen-free	yes
Oil-resistant	yes
Flame-retardant	yes

Circuit Diagram

