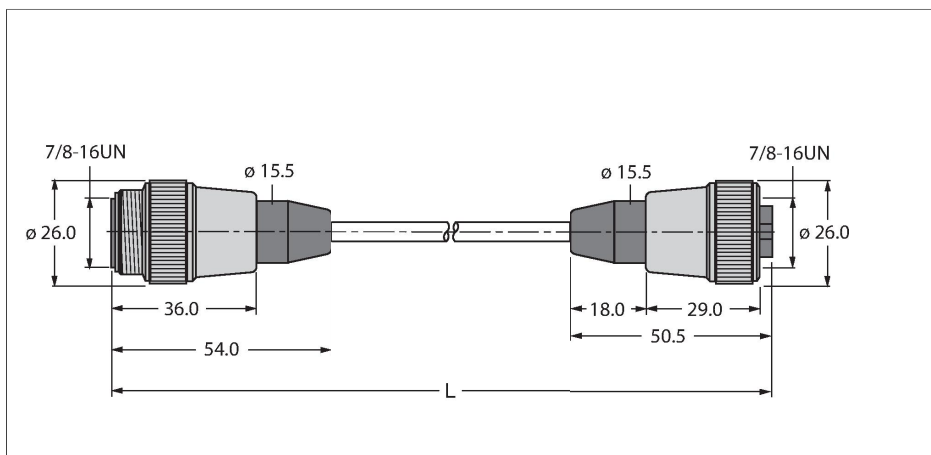


RSM RKM 20-2M

Power Cable – Extension Cable



Technische Daten

Type	RSM RKM 20-2M
ID	U2247
Connector A	Male, 7/8"-16 UN, Straight
Number of contacts	2
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, When coupled
	NEMA: 1, 3, 4, 6P, 12
Connector B	Female, 7/8"-16 UN, Straight
Number of contacts	2
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, Only when screwed together
	NEMA: 1, 3, 4, 6P, 12

Features



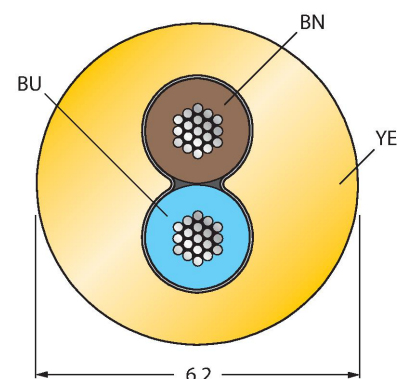
- Power cable: $2 \times 0.83 \text{ mm}^2$, $2 \times 18 \text{ AWG}$
- Jacket material: PVC
- Jacket color: yellow
- Jacket diameter: 6.2 mm
- UV resistant
- Flame retardant acc. to CSA FT4
- UL, CSA approval
- RoHS compliant
- Protection class: NEMA 1, 3, 4, 6P and IEC IP67
- 7/8" female, straight
- 7/8" male, straight
- Cable length: 2.0 m
- 7/8" Male, Straight, 2-pin
- 7/8" Female, Straight, 2-pin
- Instrumentation Tray Cable
- Yellow PVC jacket, 2X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved

Cable cross section

Technische Daten

Cable data	
Cable ID	RF50511
Total number of conductors	2
Cable diameter	Ø 6.2 mm ±0.20
Length (L)	2 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Yellow
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	2 x 0.83 mm ² x 18 AWG [Similar to 0.75 mm ²]
Number of strands x O.D.	19 x 0.25 mm x 0.0092 "
Conductor colors	BN, BU
Electrical properties at +20 °C	
Rated voltage	600 V
Current	9 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
Flex rating 20 x Ø	10 million cycles
	*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.
C-Track	Yes
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C
Other Features	
UV resistance	yes
Flame-retardant	yes
Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS
Note	

- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated



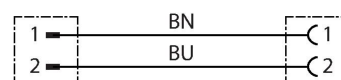
Contact assignment

Connector A

Connector B



Circuit Diagram



Technische Daten

cycle speed, or operating below the rated cable bend radius.

- We reserve the right to make technical alterations without prior notice.