



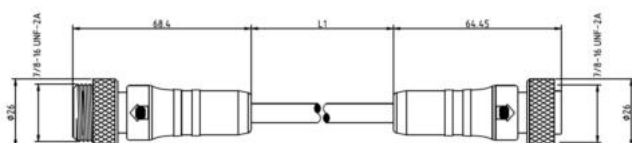
**Product:** [RSRK 50-877](#) 

7/8" Power Double-Ended Cordset: Male straight to female straight, 5-pin, yellow body, 600 V (UL), 8 A (UL); TPE yellow cable, 16 AWG

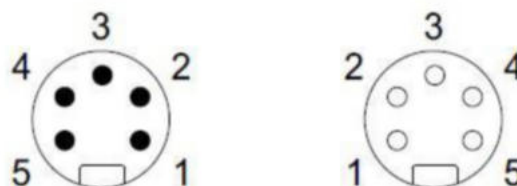
### Product Description











RSRK 50-877 - 7/8" Power Double-Ended Cordset: Male straight to female straight, 5-pin, yellow body, 600 V (UL), 8 A (UL); TPE yellow cable, 16 AWG

### Technical Drawing



### FACE VIEW MALE FACE VIEW FEMALE



1 = WH		—		1 = WH
2 = RD		—		2 = RD
3 = GN		—		3 = GN
4 = OR		—		4 = OR
5 = BK		—		5 = BK

### Technical Specifications

#### Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V
Rated Voltage (UL):	600 V
Rated Current*:	8 A
Rated Current (UL)*:	8 A

#### Technical Data Side 1

Product Sub Family:	7/8"
Type of Contact / Gender:	Male
Connector Design:	straight
Attachment Type:	Coupling nut with external threads

Number of Pins:	5
Coding:	A
Ambient Temperature (Operation)*:	- 30 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P
Contact Base Material:	CuZn
Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	Yellow
Molded Body Material:	TPU
Molded Body Color:	Yellow
Attachment Material:	Al

### Cable Data

Cable Number:	877
Conductor Size:	16 AWG (65/34)
Number of Wires:	5
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 9.4 mm
Wire Insulation Material:	PVC-Nylon
Insulated Wire Diameter:	Ø 2.5 mm
Ambient Temperature (Fixed Installation):	-30 °C to +90°C
UL Cable Type:	TC-ER (90°C Dry / 75°C Wet) 600 V
Flammability Class (Cable Jacket):	FT4 / IEEC 1202
Cable Characteristics:	Oil and Coolant, Vibration, UV, Abrasion, and Weld Spark resistant, Continuous Flex

### Technical Data Side 2

Product Sub Family, Side 2:	7/8"
Type of Contact / Gender, Side 2:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	5
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	-40°C to +90°C
Operating Temperature (UL), Side 2:	- 30 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67, NEMA 6P
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Au/Ag
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Yellow
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Yellow
Attachment Material, Side 2:	Al
Attachment Plating, Side 2:	anodized black
Note, Side 2:	Do not connect or disconnect under load

### Approvals

UL-File:	E104696
UL:	UL recognized

### Safety & Environmental Compliance

RoHS Compliant:	Yes
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### Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
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History

Update and Revision:	Revision Number: 0.72 Revision Date: 02-03-2025
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Variants

Item #	Item Description	Cable Length
500004448	RSRK 50-877/0.3M	0.3 m
500003375	RSRK 50-877/0.5M	0.5 m
500004449	RSRK 50-877/0.6M	0.6 m
500003252	RSRK 50-877/1M	1 m
500003200	RSRK 50-877/2M	2 m
540003442	RSRK 50-877/2.5M	2.5 m
500003196	RSRK 50-877/3M	3 m
500003376	RSRK 50-877/4M	4 m
500003199	RSRK 50-877/5M	5 m
500003377	RSRK 50-877/6M	6 m
500003378	RSRK 50-877/7M	7 m
500003329	RSRK 50-877/8M	8 m
500004220	RSRK 50-877/9M	9 m
500003197	RSRK 50-877/10M	10 m
500003379	RSRK 50-877/12M	12 m
500003328	RSRK 50-877/13M	13 m
500003304	RSRK 50-877/15M	15 m
500003198	RSRK 50-877/20M	20 m
500004063	RSRK 50-877/22M	22 m
500003303	RSRK 50-877/25M	25 m
500003302	RSRK 50-877/30M	30 m
500003444	RSRK 50-877/35M	35 m
500003380	RSRK 50-877/40M	40 m
500004070	RSRK 50-877/45M	45 m
500003381	RSRK 50-877/50M	50 m
500004069	RSRK 50-877/55M	55 m
500003382	RSRK 50-877/60M	60 m
500003383	RSRK 50-877/70M	70 m
500003384	RSRK 50-877/80M	80 m

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