



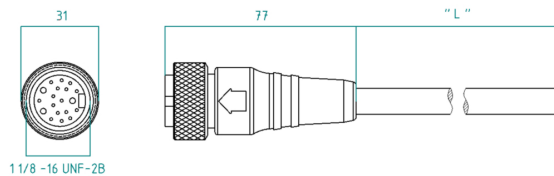
Product: [RK 190M-669](#)

1-1/8" Molded Female Cordset, Contacts: 19, 300 V | 3 A & 8 A , IP67; Cable PUR Yellow, 19x18AWG

Product Description

1-1/8" Molded Female Cordset, Contacts: 19, 300 V | 3 A & 8 A , IP67; Cable PUR Yellow, 19x18AWG

Technical Drawing



Female Face View	Contact	Conductor Color	Current
	1	BK# 1	3 A
	2	BK# 2	
	3	BK# 3	
	4	BK# 4	6 A
	5	BK# 5	
	6	BK# 6	
	7	BK# 7	3 A
	8	BK# 8	
	9	BK# 9	
	10	BK# 10	3 A
	11	BK# 11	
	12	GN YE	
	13	BK# 13	3 A
	14	BK# 14	
	15	BK# 15	
	16	BK# 16	
	17	BK# 17	
	18	BK# 18	
	19	BK# 19	

Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	1-1/8" RK Female
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	Female
Connector Design:	Straight
Number of Pins:	19
Coding:	A
Shielding:	Unshielded
Attachment Type:	Coupling nut with internal threads
Rated Voltage:	300 V
Mating Cycles:	≤ 50
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP65, IP67

Materials

Contact Base Material:	CuZn
Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	YE
Molded Body Material:	TPU
Molded Body Color:	yellow

Attachment Material:	Anodized Bk, Al
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Additional Technical Data

Accessories to Order Separately:	500000358 - RS-TU thread adaptor
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Cable Data

Cable Number:	669
Conductor Size:	18 AWG
Number of Wires:	19
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	> 5 Mio.
Cable Jacket Material:	PUR
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 12.4 mm
Wire Insulation Material:	PVC-Nylon
Insulated Wire Diameter:	Ø 2.00 mm
Ambient Temperature (Fixed Installation):	-40 C° - +80 C°
UL Cable Type:	AWM 20233
Flammability Class (Cable Jacket):	FT1
Cable Characteristics:	Oil and Coolant, Vibration, UV, Abrasion, and Weld Spark resistant, Continuous Flex

Approvals

UL-File:	Do not connect or disconnect under load.
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Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Note Derating:	Notice Derating
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History

Update and Revision:	Revision Number: 0.27 Revision Date: 04-10-2025
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Variants

Item #	Item Description	Cable Length
500003339	RK 190M-669/2M	2 m
500000747	RK 190M-669/5M	5 m
500000748	RK 190M-669/10M	10 m
44601	RK 190M-669/15 M	15 m
500000746	RK 190M-669/15M	15 m
500000745	RK 190M-669/20M	20 m
500001299	RK 190M-669/20F	20 ft
87456	RK 190M-669/20 F	20 ft
500000818	RK 190M-669/25M	25 m
500000778	RK 190M-669/30M	30 m
500001301	RK 190M-669/30F	30 ft
56572	RK 190M-669/30 F	30 ft
500002246	RK 190M-669/40M	40 m
500003183	RK 190M-669/60M	60 m
87457	RK 190M-669/60 F	60 ft