



Product: <u>RK 190M-669</u> ☑

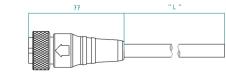
1-1/8" Molded Female Cordset, Contacts: 19, 300 V | 3 A & 8 A , IP67; Cable PUR Yellow, 19x18AWG

Product Description

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

Technical Drawing





$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Female Face View	Contact	Conductor Color	Current
18 BK# 18 19 BK# 19	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2 3 4 5 6 7 8 9 10 11 23 14 15 16 17 18	BK# 1 BK# 2 BK# 3 BK# 4 BK# 5 BK# 6 BK# 7 BK# 8 BK# 10 BK# 11 BK# 11 BK# 11 BK# 13 BK# 14 BK# 15 BK# 18	3 A 6A 3 A 3 A 3 A ⊕

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
Additional Technical Data	
Accessories to Order Separately:	500000358 - RS-TU thread adaptor
Cable Data Cable Number:	669
Conductor Size:	18 AWG
Number of Wires:	
	19
Minimal Bending Radius (Flexible Inst):	19 > 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 \ensuremath{Flex}

Approvals

U	File:	

Do not connect or disconnect under load.

Safety & Environmental Compliance

RoHS Compliant:	Yes
Notes	
Note Derating:	Notice Derating
History	

Revision Number: 0.27 Revision Date: 04-10-2025

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

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.