



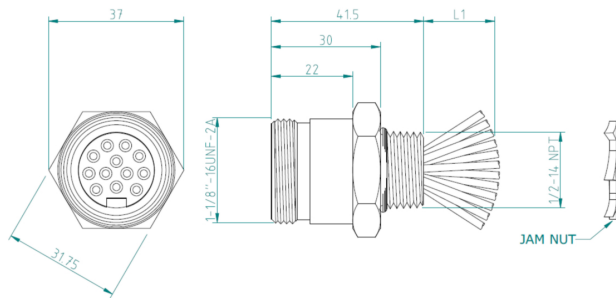
Product: [RKF 1201M-676](#)

1-1/8" Power Receptacle: Male, straight, 12-pin, front mount, 1/2" 14-NPT panel tap, 300 V, 5 A, 18 AWG, Numeric Color Code

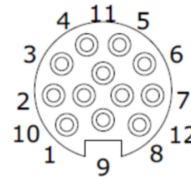
Product Description

1-1/8" Power Receptacle: Male, straight, 12-pin, front mount, 1/2" 14-NPT panel tap, 300 V, 5 A, 18 AWG, Numeric Color Code

Technical Drawing



FACE VIEW
FEMALE



- 1 = BK#1
- 2 = BK#2
- 3 = BK#3
- 4 = BK#4
- 5 = BK#5
- 6 = BK#6
- 7 = BK#7
- 8 = BK#8
- 9 = GN/YE
- 10 = BK#10
- 11 = BK#11
- 12 = BK#12

NUMERIC COLOR CODE

Technical Specifications

Technical Data

| | |
|-----------------------------------|--|
| Product Family: | Power Connector |
| Side 1 Product Sub Family: | 1 - 1/8" |
| Brand: | Lumberg Automation |
| Connector Type: | Receptacle |
| Side 1 Type of Contact/Gender: | Female |
| Connector Design: | Front Mount, 1/2-14 NPT panel tap size |
| Number of Pins: | 12 |
| Coding, Side 1: | A |
| Shielding Type: | Unshielded |
| Attachment Type: | Fixed, External Thread |
| Voltage Rating: | 300 V |
| Rated Voltage (UL): | 300 V |
| Rated Current (UL)*: | 5 A |
| Ambient Temperature (Operation)*: | -40 °C to +90 °C |

| | |
|----------------------------------|------------|
| Protection Degree / IP Rating**: | IP65, IP67 |
|----------------------------------|------------|

Materials

| | |
|--------------------------|--------------------|
| Contact Base Material: | CuZn |
| Side 1 Contact Plating: | Au over Ag |
| Contact Bearer Material: | TPU |
| Contact Bearer Color: | YE |
| Housing Material: | Al, clear anodized |
| O-Ring Material: | FKM, panel side |

Cable Data

| | |
|---------------------------|-----------|
| Conductor Size: | 18 AWG |
| Number of Wires: | 12 |
| Conductor Material: | Cu |
| Wire Insulation Material: | PVC |
| Insulated Wire Diameter: | Ø 2.03 mm |
| UL Cable Type: | 1007/1569 |

Approvals

| | |
|----------|---------|
| UL-File: | E315587 |
| UL: | E315587 |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Notes

| | |
|-------------------------------------|---|
| Note Derating: | Notice Derating |
| Protection Degree / IP Rating Note: | Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product |

Variants

| Item # | Item Description | Cable Length |
|-----------|-------------------|--------------|
| 500002068 | RKF 1201M-676/1F | 1 ft |
| 500002085 | RKF 1201M-676/6F | 6 ft |
| 500003141 | RKF 1201M-676/10F | 10 ft |

© 2026 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.