



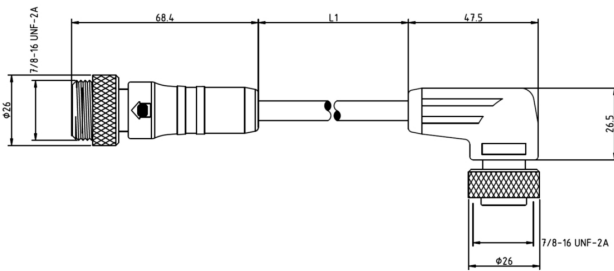
Product: [RSRKW 30-838](#)

7/8" Power Double-Ended Cordset: Male straight to female angled, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

Product Description

RSRKW 30-838 - 7/8" Power Double-Ended Cordset: Male straight to female angled, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

Technical Drawing



FACE VIEW MALE FACE VIEW FEMALE



1 = GN 1 = GN
2 = BK 2 = BK
3 = WH 3 = WH

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*:	10 A
Rated Current (UL)*:	10 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:	3
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:	838
Conductor Size:	16 AWG (65/34)
Number of Wires:	3
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 8 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:	Angled (90°)
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	3
Coding, Side 2:	A
Ambient Temperature (Operation), Side 2*:	-30°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
-----------------	-----

Resistances

Oil Resistance:	Oil Res II
-----------------	------------

Notes

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

History

Update and Revision:	Revision Number: 0.86 Revision Date: 05-04-2023
----------------------	---

Variants

Item #	Item Description	Cable Length
500004143	RSRKW 30-838/1M	1 m
500004144	RSRKW 30-838/2M	2 m
500004145	RSRKW 30-838/3M	3 m
500004146	RSRKW 30-838/5M	5 m
500004147	RSRKW 30-838/10M	10 m
500004148	RSRKW 30-838/15M	15 m
500004149	RSRKW 30-838/20M	20 m
500004150	RSRKW 30-838/25M	25 m
500004151	RSRKW 30-838/30M	30 m

© 2024 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.