



Mini Style Connectors

Series Types: RK/RKW/RS/RSW

Mini Style AC Color Code: PVC Cable



- 300V, 18AWG, European (IEC) color code
- 7/8-16 threads; internal (female), external (male)
- IP68, NEMA 6P rating, UL and CSA
- PVC offers good resistance to oils and chemicals

Order Information

| | |
|--------------------------|---|
| Face View Female/Male | |
| Poles | 3 |
| Color Code | 1= Brown 2= Yellow/green (gnd) 3= Blue |
| Current Rating | 8A |
| Conductors | 3/18AWG |

Female Part Numbers

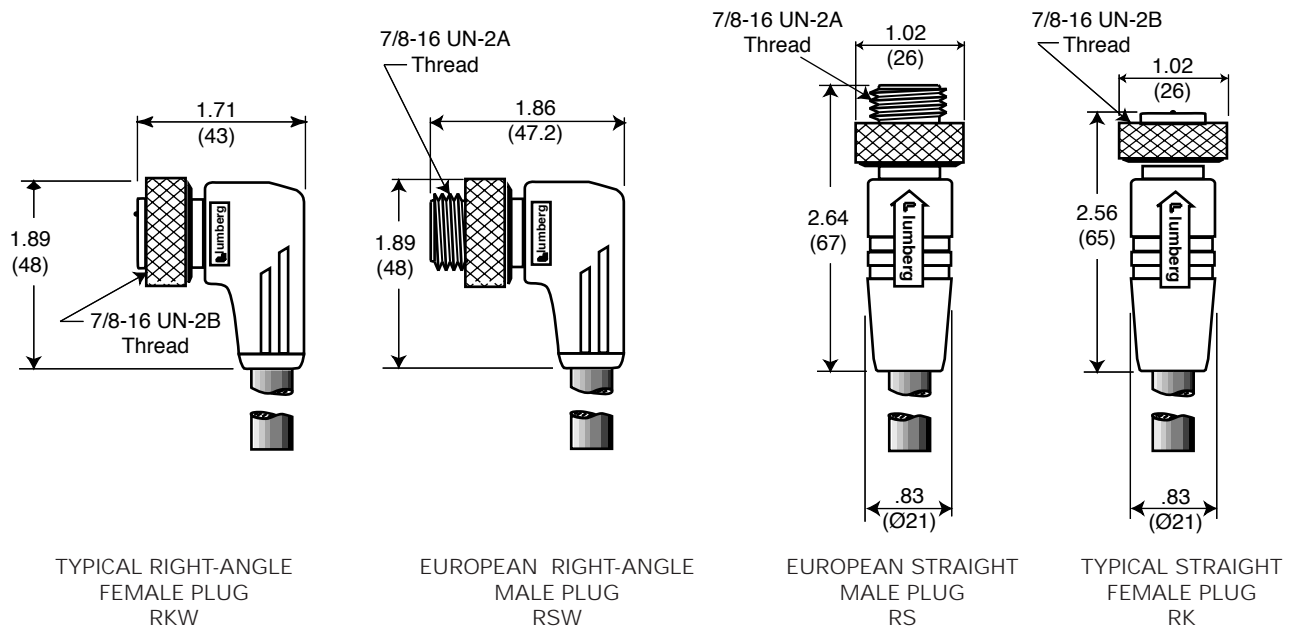
| | |
|---------------------------|-----------------|
| Straight | RK 30-601/xx |
| Right Angle | RKW 30-601/xx |
| Mating Male Receptacle | RSF 30-601/0.3M |

Male Part Numbers

xx=cable lengths; see next page

| | |
|-----------------------------|-----------------|
| Straight | RS 30-601/xx |
| Right Angle | RSW 30-601/xx |
| Mating Female Receptacle | RKF 30-601/0.3M |

Dimensional Data



Technical Data

| | | | |
|-----------------------|--|---|---|
| 1. Application Class: | -40°C to +90°C | 4. Electrical Data: | |
| 2. Materials: | | Contact Resistance: | ≤5mΩ |
| Body: | PUR, yellow | Current Rating: | 8 AMPS |
| Contact: | Solid-machined brass gold over silver plating | Working Voltage: | 300 VAC-RMS |
| Insert: | PUR | Dielectric Withstanding Voltage: | 2 KVAC RMS/60sec |
| Coupling Nut: | Standard: aluminum (black anodized) Options: nylon (glass reinforced black); stainless steel (passivated) | Insulation Resistance: | >10 ⁹ Ω |
| 3. Mechanical Data: | | 5. Cable:* | |
| Protection: | IP68, NEMA 6P (in fully locked position) | 18 AWG Conductor: | UL-AWM 2661; Hi-Flex bare, 41x34 copper stranding, yellow jacket. |
| Insertion Force: | ≤3.0N .67 LBS | 6. Agency Approvals: | |
| Withdrawal Force: | ≥1.0N .22 LBS | UL Recognition: | E104696 |
| Shock: | IEC 68-2-27 | CSA Certified: | LR101546-1 |
| Vibration: | IEC 68-2-6 | * Reference pages H3-H6 for additional cable specifications | |

Cable Lengths & Options

xx - Standard cable available in 1 meter (1M), 2 meter (2M), and 5 meter (5M) lengths.

Consult factory for special cable lengths. Customer supplied cable and optional cable types can be produced. Consult Application Engineering Department with your exact requirements.

Closure caps available; see page F1.