

LDC-15NM SERIES DATASHEET

The Laird LDC-15NM series of heavy-duty power cable assemblies adapts your standard NEMA 5-15 plug to your choice of a female 20-amp NEMA socket, female NEMA 20-amp Twist lock socket, 20-amp female Bates connector, or powerCON Type B chassis connector. The LDC-15NM series is designed to provide a secure AC connection to audio gear, video gear, and power lighting in the studio or harsh environments.

Features:

- Laird's heavy-duty flexible SJ00W PWR-12/3-TP power cable
- Rugged 15-amp and 20-amp connectors
- UL-recognized components
- Various connector types are available to suit most applications



LDC-15NM-20NF



LDC-15NM-20TF



LDC-15NM-BSPF



LDC-15NM-PCTBM

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Specifications:

Laird PWR-12/3-TP Cable:

- **Cable Type:** SJOOW
- **Conductor Material:** Bare Copper Wire
- **Number of Conductors x AWG:** 3x12
- **Conductor Insulation Material:** Rubber (EPR)
- **Outer Jacket Material:** Rubber (CPE)
- **Outer Diameter:** 0.425in-0.476in
- **Current Carrying Capacity:** 25 Amps
- **Nom. Voltage:** AC U 300V
- **Bend Radius:**
 - **Flexing:** 4.76in
 - **Static:** 2.85in
- **Temperature:**
 - **Flexing:** -4°F to 194°F (-20°C to +90°C)
 - **Static:** -40°F to 194°F (-40°C to +90°C)

Neutrik NAC3MPXXB powerCON Grey Chassis Connector:

- **Contact Resistance:** $\leq 2 \text{ m}\Omega$
- **Dielectric Strength:** 4 kVdc / 2.8 kVac
- **Insulation Resistance:** $> 1 \text{ G}\Omega$
- **Lifetime:** > 5000 mating cycles

Leviton Connectors:

- **Amperage:**
 - **5266C NEMA Plug:** 15 Amps
 - **5369 NEMA Socket:** 20 Amps
 - **2323 NEMA Twist Lock Socket:** 20 Amps
- **Voltage:**
 - **5266C NEMA Plug:** 125 VAC
 - **5369 NEMA Socket:** 125 VAC
 - **2323 NEMA Twist Lock Socket:** 250 VAC
- **Blade/Contact Material:** Solid Brass
- **Body Material:** Impact Modified Nylon

Bates Connector:

- **Max. Amperage:** 20 Amps
- **Max. Voltage:** 125 Volts
- **Housing Material:** Thermoplastic
- **Contact Material:** Brass