

LDC-20TM SERIES DATASHEET

The Laird LDC-20TM heavy-duty twist-locking series features 20-amp NEMA Twist Lock Male connectors to 20-amp NEMA Twist Locking Female connectors and adapts to your choice of 15-amp NEMA Female, 20-amp NEMA Female, Bates Stage Pin Female, Neutrik powerCON TRUE1 TOP, and Neutrik powerCON Type A Connectors. It features the durable yet flexible Laird PWR-12/3-TP SJOOW power cable, providing a secure AC connection to audio gear, video gear, and power lighting in the studio or harsh environments.

Features:

- Laird's heavy-duty flexible SJOOW PWR-12/3-TP power cable
- Rugged 15-amp and 20-amp connector options
- UL-rated components
- Various connector options to suit most applications



LDC-20TM-PCTA



LDC-20TM-BSPF



LDC-20TM-F



LDC-20TM-15NF



LDC-20TM-PCTF



LDC-20TM-20NF

LDC-20TM SERIES DATASHEET

Specifications:

Laird PWR-12/3-TP:

- **Cable Type:** SJ00W
- **Number of Conductors x AWG:** 3x12
- **Conductor Insulation:** Rubber (EPR)
- **Outer Jacket Material:** Rubber (CPE)
- **Current Carrying Capacity:** 25 Amps
- **Outer Diameter:** 0.425in – 0.476in
- **Nom. Voltage:** AC U 300V
- **Temperature:**
 - **Flexing:** -4°F to 194°F (-20°C to +90°C)
 - **Static:** -40°F to 194°F (-40°C to +90°C)
- **Min Bend Radius:**
 - **Flexing:** 4.76in
 - **Static:** 2.85in

Neutrik powerCON Connector:

- **Contact Resistance:** $\leq 2 \text{ m}\Omega$
- **Amperage:** 20 Amps
- **Voltage:** 250 V AC
- **Dielectric Strength:**
 - **NAC3FXXA-W-S:** $> 3 \text{ kVac}$
 - **NAC3FX-W-TOP:** $4 \text{ kVdc} / 2.8 \text{ kVac}$
- **Insulation Resistance:**
 - **NAC3FXXA-W-S:** $> 10 \text{ G}\Omega$ (initially)
 - **NAC3FX-W-TOP:** $> 0.1 \text{ G}\Omega$
- **Lifetime:** 5'000 mating cycles

Leviton Connectors:

- **Amperage:**
 - **5269:** 15 Amps
 - **5369:** 20 Amps
 - **2321:** 20 Amps
 - **2323:** 20 Amps
- **Voltage:**
 - **5269:** 125 VAC
 - **5368:** 125 VAC
 - **2321:** 250 VAC
 - **2323:** 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