

LDC-PCTB SERIES DATASHEET

The Laird LDC-PCTB series of heavy-duty power cable assemblies adapts Neutrik powerCON Type B connectors to your choice of Neutrik powerCON TRUE1 TOP IEC Female, Bates Stage Pin Female, or 20-amp NEMA Twist Lock Female 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-PCTB-20TF



LDC-PCTB-IECF



LDC-PCTB-PCTF



LDC-PCTB-BSPF

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Specifications:

Laird PWR-12/3-TP:

- **Cable Type:** SJOOW
- **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 Connectors:

- **Contact Resistance:** ≤ 2 mΩ
- **Amperage:** 20 Amps
- **Voltage:** 250 V AC
- **Dielectric Strength:**
 - **NAC3FXXB-W-S:** > 3 kVac
 - **NAC3FX-W-TOP:** 4 kVdc / 2.8 kVac
- **Insulation Resistance:**
 - **NAC3FXXB-W-S:** > 10 GΩ (initially)
 - **NAC3FX-W-TOP:** >0.1 GΩ
- **Lifetime:** 5'000 mating cycles

Leviton Connector:

- **Amperage:** 20 Amps
- **Voltage:** 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

IEC Connector:

- **Amperage:** 15 Amps
- **Max. Voltage:** 250 Volts
- **Contact Material:** Brass