

## PWRCN30-HC DATASHEET

Laird's PWRCN30-HC series features a rugged 10/3 SJOOW power cable with Neutrik NAC3FC-HC 32-Amp powerCON connectors. The assemblies, which feature powerCON's secure locking mechanism alongside the durability and versatility of the SJOOW cable, present a high current rating and demonstrate reliability in challenging environments where accidental disconnects could yield substantial consequences. This makes them ideal for live events, motion picture productions, and professional audio and lighting systems.

### Features:

- High-Quality Neutrik NAC4FV-HC 32-Amp powerCON Connectors
- Resistant to Oil, Solvents, Ozone, Weather, Sunlight, and Water
- High 32-Amp Current Capacity
- Premating Contact for Protective Earth (ground)
- Rugged and Flexible 10/3 SJOOW power cable



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### Specifications:

#### 10/3 Power Cable:

- **Cable Type:** SJOOW
- **Conductor:** Stranded Bare Copper
- **Number of Conductors:** 3
- **Conductor Stranding:** 103/30
- **AWG:** 10
- **Insulation Material:** EPR
- **Nom. Insulation Thickness:** 0.045 in (1.14mm)
- **Separator:** Talc
- **Outer Jacket Material:** CPE
- **Nom. Jacket Thickness:** 0.060 in (1.52mm)
- **Nom. Overall Diameter:** 0.58 in (14.6mm)
- **Voltage Rating:** 300
- **Weight:** 0.225/ft
- **Temperature:** -40°F to 194°F (-40°C to +90°C)

#### Neutrik NAC3FC-HC powerCON Connector:

- **Contact Resistance:**  $\leq 3 \text{ m}\Omega$
- **Dielectric Strength:** 4 kVdc / 2.8 kVac
- **Insulation Resistance:**  $> 10 \text{ G}\Omega$  (initial)
- **Amperage:** 32 Amps
- **Voltage Rating:** 250 V AC
- **Locking Device:** Quick Lock
- **Lifetime:**  $> 1000$  mating cycles