

TRUE1-ACIN/ACOUT DATASHEET

Laird's TRUE1-ACIN "power IN" and TRUE1-ACOUT "power OUT" series' of high-quality and durable powerCON AC cable assemblies allow you to provide power or send power to or from your powerCON infrastructure while maintaining optimal signal strength. It is ideal for live events and motion picture productions.

Features:

- High-quality Neutrik powerCON TRUE1 connectors
- Lanyard-style rubber dust caps
- NEMA 5-15P AC connector
- Rubber jacketed cable provides resistance to water and oil



TRUE1-ACIN



TRUE1-ACOUT

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Specifications:

PWR-12/3-TP:

- **Conductor Material:** Bare Copper Wire
- **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
- **Weight:** 0.14lbs/ft

Leviton Connectors:

- **Amperage:** 15A
- **Voltage:** 125 VAC

Neutrik powerCON TRUE1 Connector:

- **Contact Resistance:** $\leq 2 \text{ m}\Omega$
- **Dielectric Strength:** 4 kVdc / 2.8 kVac
- **Insulation Resistance:** $> 0.1 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)
- **Number of Electrical Contacts:** 2 + PE
- **Lifetime:** > 5000 mating cycles
- **Flammability:** UL 94 V-0
- **Protection Class:** IP65, UL50E Enclosure Type 4 (Mated)
- **Temperature Range:** -22 °F to 176 °F (-30°C to +80°C)