

TRUE1-AC20IN Datasheet

Laird's TRUE1-AC20IN series of high-quality and durable 20-amp power IN cables features Neutrik powerCON TRUE1 connectors and 20-amp NEMA 3-prong plugs. They provide reliable 20-amp power to your powerCON infrastructure while maintaining optimal signal strength, making them ideal for live events and motion picture productions.

Features:

- High-quality Neutrik powerCON TRUE1 connectors
- Lanyard-style rubber dust caps
- NEMA 5-20P AC plug
- Rubber jacketed cable provides resistance to water and oil



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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 5366C Plug:

- **Amperage:** 20A
- **Voltage:** 125 VAC

Neutrik 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)