

## APTEK Cat.6 UTP RJ45 Plug

The **APTEK Cat.6 UTP RJ45 Plug** is a superior high-performance Cat.6 RJ45 unshielded plug allowing factory-grade terminations in the field. The short body design allows easy insertion while maintaining Category 6 twist requirements. The special three-point contact design is compatible with solid cable. Improve your cable performance by using APTEK high-quality plugs

### Electrical Characteristics

- Dielectric with standing voltage: 1000VAC (RMS)
- Contact resistance: 10 milliohms max
- Current rating: 30 VAC at 1.5 AMPS
- Insulation resistance: 500 megaohms min

### Mechanical Characteristics

- Cable-to-plug tensile round & flat cable available
- Strength: 20 lbs. min
- Durability: 750 cycles min
- Operating temperature: -40°C to +125°C

### Material and Finish

- Housing: Poly-carbonate
- Contact material: Phosphor bronze alloy
- Contact: Copper alloy 50u" gold over nickel



### Applications

- 10 Base-T (IEEE 802.3)
- Fast Ethernet (IEEE 802.3u)
- 100Vg-AnyLAN (IEEE 802-12)
- Token Ring (IEEE 802.5)
- TP-PMD (ANSI X 3T9.5)
- 100 Mbps CDDI
- ATM 155
- Gigabit 1000 Mbps (802.3z)

### Standards Conformance

- ANSI/TIA-568-2.D
- ISO/IEC 11801
- EN 50173

