



.206" Open Frame Jack

For applications requiring polarization (use of plugs of different sizes) to prevent insertion of incorrect equipment Littel-Plug® phone plugs featuring a sleeve and tip diameter of .206 inches are available.

Specifications

Mechanical

- Life: Commercial Jacks - 10,000 insertion/withdrawal cycles, minimum. Military Jacks - 20,000 insertions/withdrawals, minimum.
- Mechanical Shock: Military Jacks - Per MIL-STD 202, method 213, Test Condition H (75g).
- Vibration: Military Jacks - Per MIL-STD-202, method 213, (10-55 Hz).
- Insertion/Withdrawal Forces: (see charts below)

Commercial Jacks		
Plug Diameter (inches)	.210	.250
Insertion (maximum)	7 lb.	7 lb.
Withdrawal (minimum)	1 lb.	1 lb.

Military Jacks			
Part Number	C11	C12A	C12B
Insertion (maximum)	6 lb.	7 lb.	6 lb.
Withdrawal (minimum)	2 lb.	3 lb.	1.5 lb.
Withdrawal (maximum)	7 lb.	7 lb.	5 lb.

Electrical

- Contact Resistance: Commercial Jacks - .030 ohms maximum (initial), .050 ohms maximum (after humidity, durability exposure). Per MIL-STD-202E. Military Jacks - .010 ohms maximum (initial), .020 ohms maximum (after life), .10 ohms maximum (after salt spray).
- Insulation Resistance: Commercial Jacks - 10,000 M(ohm) minimum (initial), 1,000 M(ohm) minimum (after humidity). Military Jacks - 10,000 M(ohm) minimum (initial), 1,000 M(ohm) minimum (after humidity, durability exposure).
- Dielectric Withstanding Voltage: 500 V, 60 Hz (rms) AC.
- Contact Rating: 1 A, 25 V DC.

Environmental

- Thermal Range: Commercial Jacks; -55°C to +85°C (non-operating); -20°C to +65°C (operating). Military Jacks; -55°C to +85°C (non-operating); -40°C to +65°C (operating).
- Thermal Shock: Commercial Jacks - Per MIL-STD 202, method 107. Military Jacks - Per MIL-STD 202, method 107.
- Humidity: Commercial Jacks - Per MIL-STD 202, method 106. Military Jacks - 0% to 95% operating and non-operating.
- Salt Spray: Commercial Jacks - Per MIL-STD 202, method 101. Military Jacks - Per MIL-STD 202, method 101 (48 hours).
- Moisture Resistance: Military Jacks - Per MIL-STD 202, method 106 (240 hours).

Material

- Mounting Bushing: Nickel-plated copper alloy.
- Insulation: Rigid plastic.
- Springs: Special copper alloy. Integral contacts are standard in the isolated switching circuits; fine silver contacts in C12A switching circuit.
- Sleeve Terminal: Copper alloy.
- Hardware: Supplied with one Numb