

**AT LJ 1001 : Specifications**

This product meets the requirement of ISO standard & consequently the technical specification laid down by the **TEC / BSNL STANDARDS**. This standard specifies requirements for Dimensions, Mechanical & Electrical performance and Tests for plugs suitable for connecting telecommunications apparatus to telecommunications system through a socket. Compatibility between the Plug & the RJ 11 Plug & to ensure that access by hand to the electrical connections is prevented when plug and socket have made electrical contact.

Ordering Specification	Description	Partnumber	Overall dimension
TEC / BSNL	Line Jack with JD Tube	AT LJ 1001	75 X 75 X 35 in mm { L X W X H }
	Secondary Line Jack	AT LJ 1001	

The Single Master Line Jack & Single Secondary Line Jack Unit has two primary parts.

- Female connector unit called the Line Jack Unit Socket to 8877 specification
- Telephone cord connector with RJ 11 plug

Line Jack with GD Tube	Secondary Line Jack
<ul style="list-style-type: none">•Capacitor – 2.2 Micro farad•Resistor 22 K Ohms•2 Pole GD Tube-K12 Spec•Screw type terminal block 2 nos•Socket outlet enabling the unit to be connected to a telephone or other equipment•Contact Phosphor Bronze wire 0.45 mm dia with Gold plating with – 1.27 Microns	<ul style="list-style-type: none">•Screw type terminal block•Socket outlet enabling the unit to be connected to a telephone or other equipment•Contact Phosphor Bronze wire 0.45 mm dia with Gold plating with – 1.27 Microns

ABS plastic front cover assembly which contains a spring loaded shutter assembly to prevent ingress of dust and insects. To complete the assembly, a back box is provided enabling the unit to be mounted on a wall or other suitable fixture.

Mechanical Properties	Features
<ul style="list-style-type: none">•Plug Retention Strength – More than 76 Newtons (7.7 Kgs)•Mating Force – Less than 750 grams•Contact Pressure – More than 100 Grams•Sliding Door: More than 2000	<ul style="list-style-type: none">•Anty slip connection•Flush & Surface mounting•Termination with anti – slip arrangement•Spring Loaded Shutter

operations functions normal •Effectiveness of the Contact: 1000 Insertions & Extraction Voltage Drop across the contacts is less than 100 mv	
Electrical Properties •Insulation Resistance: Greater than 100 M Ohms •Dielectric strength: should withstand 11 KV rms •Contact Resistance: less than 100 m Ohms	Environmental Conditions •Storage : - 40 to + 90° C •Operational : - 20 to + 80° C •Humidity : - 95 % Relative Humidity



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