

RJ11 Jack Product Presentation

Basics Portfolio



Agenda

- 1. Value Proposition
- 2. Product Overview
- 3. Product Specifications
- 4. Features & Benefits
- 5. Markets & Applications
- 6. Marcomm Collaterals

RJ11 Value Proposition



The most commonly recognized registered jack is the RJ11. This is a **modular connector** wired for one analog telephone line, using the center two contacts of six available positions, and is found in most homes and offices in most countries for single-line telephones.

Right angle / surface mount type features a simple and flexible design within the performance **category 3** which supports the transmission of **16MHz**.

It can be specified with shields for effective grounding and improved EMI performance.

RJ11

Product Specifications

Product Facts

- Cat3 performance category
- Offer right angle / surface mount styles
- Supports the transmission of 16MHz
- Full metal shielding for EMI protection
- Available in UL94V-0 flammability
- Products are lead free to help promote a cleaner environment
- Supports the transmission of 16MHz

Specifications

- Housing : High Temperature Thermoplastic, Black Color, UL94V-0
- Contact : Copper Alloy with 30u" Gold plating
- Shell: Copper Alloy

Technical Documents

- Product Spec.
 - Packaging Spec.
- : GS-12-1220 : on drawing

- Performance Characteristics
- Current Rating : 1.5A
- Insulation Resistance: 200M ΩMin
- Voltage rating: 150Vms
- Mating Force: 2.1kgf max.
- Extraction Force: 7N min.
- Durability: 750 cycles
- Operating temperature range : -40°C to +85°C

RJ11 Features & Benefits

FC

Features	Benefits
Cat3 performance category	Supports the transmission of 16MHz
Offers right angle / surface mount styles	Flexible application in various situations
Polarized mating geometry	Ensures plug are correctly mated
Full metal shielding	For EMI protection
Available in UL94V-0 flammability	High flammability rating
RoHS compliance and Lead-free	Meets environmental, health and safety requirements

RJ11

Markets & Application

Consumer

- Set Top Box
- Telephone
- Router / Modem
- ADSL Splitter
- Power Board / Surge Protector
- Retractable Phone / Extension Cable

Communication

- GSM Gateway
- LAN Access Switch
- Telephone & Audio Multiplexers



Data

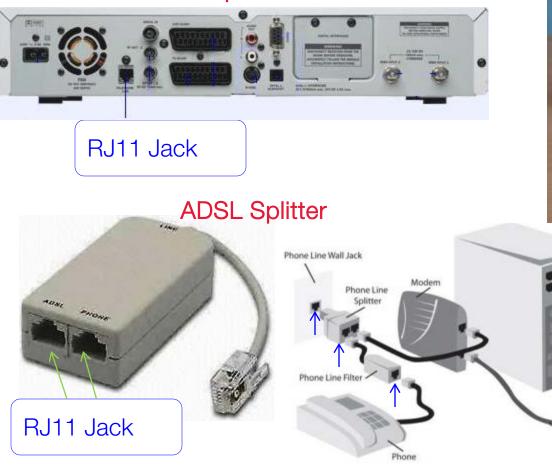
- Tablet Computer (Old Generation)
- Interactive UPS

Industrial

- Rugged PC
- Satellite Phone Terminal
- Industrial Ethernet Extender



Set Top Box



Telephone

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FCI



Wireless Router / Modem





Power Board / Surge Protector





Retractable Phone / Extension Cable



FCi

Tablet Computer



Interactive UPS



FCI

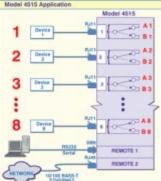


GSM Gateway



LAN Access Switch





FC

Telephone & Audio Multiplexers





Rugged PC



Satellite Phone Terminal



Industrial Ethernet Extender

FCi





Marcom Collaterals

- Available at FCI website, www.fci.com
 - Technical Data Sheet

Part Numbers & Drawings



INPUT/ OUTPUT CONNECTORS



RJ11 MODULAR JACK CONNECTOR

OVERVIEW

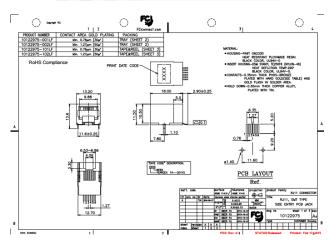
is the most commonly recognized registered jack, a deallized telecommunication network interface for secting voice and data equipment to a telecommunications ier and is found in homes and offices in most countries for in-line telenters.



RITIs specified with shields to protect against electromagnetic interference (EMI) and radio frequency signals.

For a girl is designed to meet category 3 (cat 3) cable performance. Cat 3 cable features a 10Mb/s transfer rate and supports a transmission speed of XMMz. It supports 10Mb/s transmission in accordance with the IEEE 802.3u standard.

FEATURES	BENEFITS
Transmission frequencies up to 16MHz	 Suitable for 100BASE-T applications
 Right angle surface mount configuration 	 Suitable for multiple applications
Fully palarized housing	 Prevents accidental mismating
 Specified with shields 	 Protection from electromagnetic interference (EMI)
 UL94V-0 flammability material available 	 High flammability rating
RoHS compliant and lead-free	 Meets environmental, health and safety requirements





THANK YOU

