



Applications for Use of Xmultiple RJ Connector Series

Where Our RJ Connectors Are Used with the Field of Use and Advantages of each Series:

▶ Commerical

**Routers, Switches, Hubs
Telecommunication (Voice)
Mainframe Computers
Desktop Computers
Laptops
Servers
Data Store Systems
Network Management Devices
Network Bridges
Televisions
Display Monitors
Network Media Devices
Network Adapters/Couplers
Adapter PCI Cards
Network Cables
Printers
Point of Sale Devices
Security Devices**

▶ Industrial Equipment & Tools

**Portable Data Logger
Pressure Sensors
Testing Devices
Monitoring Equipment**

▶ Factory Automation

**Automation Machines
Robots for Assembly
Robots for Production
Analysis Devices**

▶ Control / Measurement

**Moisture Tester & Analyzer
Temperature Measurement
Quality Control Systems**

▶ [Transportation /Automobile](#)

Automotive Assembly Machines
Automotive Testing Devices
Flaw Detection Systems
Laser Cutting Robots
Assembly Robots

▶ [Electronic Consumer Products](#)

DSL Modem
Modem
Gaming Devices
Slingbox
Audio Receivers and Devices
Satellite Dish Boxes
Satellite Phones
Cable Boxes
BlueRay Players and Recorders
DVD Players and Recorders
Consumer Network Devices
Tablet Devices
Storage Devices
Appliances

▶ [Communications and Mobile](#)

Telephones
Telephone Switching Machines
Telephone Routing Devices
Telephone Testing Devices
Telephone Installation Devices
Telephone Cables
Answering Machines
Telephone Wallplates
Telephone Wiring Panels
Telephone Couplers/Adapters
Wireless Products
3G and 4G Routers and Hubs
Headsets

▶ [Medical](#)

Medical Testing Equipment

Patient Monitoring System

▶ [Aerospace](#)

Manufacturing Equipment
Aerospace Testing Devices
Aerospace Monitor Devices

▶ [Other](#)

Peripheral Devices for Network
PC Input/Output Devices

Xmultiple RJ Connector Series includes our XRJM/XMM, XRJD/XMD, XRJDB, XRJB/XMB, XRJC, XRJF/XMF, XRJG/XMG, XRJH/XMH, XRJK/XMK, XPRX/XMP, XRJS/XMS and XRJV/ XMV.

Each of the RJ45 connector Series are design for use with data and voice communications and networking devices. The RJ11 connectors are design for telecommunication use and applications.

Listed Below are the focus and advantage for each of the Xmultiple RJ product Series.

[XRJM/XMM One Port and Multiple Port \(Thru-hole\) Series and XRJS/XMS \(SMT\)](#)

- 1. Field - Designed for use in all Application fields including RJ11, RJ12 for voice and data and RJ45 for voice and data. Main product focus includes data networking and**

computer devices and machines.

2. **Advantage** – Our 4,978,317 patent resulted in these series becoming a industry standards for one port and multiple connectors with the same design create for licensee of the patent using this exact product today.

XRJD/XMD Stackable Series

1. **Field** - Designed for use in all Application fields including RJ11, RJ12 for voice and data and RJ45 for voice and data.
2. **Advantage** – Xmultiple collaborated with our '317' licensee's to design unique two piece design stackable connectors with are used today by most major companies. Main product focus includes high port density for networking and telecom products.

XRJDB Low Profile One Port and Multiple Port RJ45 Connectors

1. **Field** - Designed for use in all Application fields of RJ45 connectors for voice and data.
2. **Advantage** – Bottom section of the XRJD stackable connector. Low profile which saves

printed circuit board space. Main product focus is for use data networking products.

XRJC/XMC Combo RJ45 and RJ11 Series

1. **Field** - Designed for use in all Application fields of RJ45/RJ11 connectors for voice and data.
2. **Advantage** – Combination of RJ45 and RJ11 saves space and integrates one connector for both uses of data and voice connections. Main product focus is for use in laptop computers.

XRJB/XMB Combo RJ45/USB Series

1. **Field** - Designed for use in all Application fields of RJ45 connectors for voice and data.
2. **Advantage** – Xmultiple engineers developed this connector with LEDs for the space savings of combining the USB connectors with the RJ connector. Main product focus is for use in motherboards for desktop computers.

**XRJF/XMF, XRJG/XMG,
XRJH/XMH and XRJV/XMV
RJ45 with Integrated
Magnetics Series**

1. Field - Designed for use in all Application fields of RJ45 with integrated magnetics connectors for voice and data.

2. Advantage – Xmultiple engineers developed this connector with LEDs for the space savings and the many other benefits of Magnetic Connector which include:

- ▶ High Performance for maximum EMI suppression
- ▶ Staggered (horizontal) and vertical signal pin versions available
- ▶ Reduces the number of components to be placed on the board
- ▶ Frees up board space and offers signal protection
- ▶ Noise reduction in the system
- ▶ Improved reliability and optimal system performance
- ▶ Benefits of having shorter signal paths and the reliability gains from systems containing fewer components
- ▶ Helps manufacturers reach their goals of cost reduction

**UltraJax Double Density RJ
Connector Series**

1. Designed for use in all Application fields of RJ connectors. Patent designs of the UltraJax connector system provides double the port density of the standard RJ 45 Ethernet link while maintaining field termination capability. The UltraJAX supports Gigabit speeds of Cat5E UTP cable, in integrated and non-integrated magnetic solutions, with a roadmap to support PoE+ and 10GBASE-T over Cat 6a cable.