



## ***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/Adpaters**  
**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.**