



1060 Los Angeles Avenue, Simi Valley, CA 93065 USA  
Tel: 805-579-1100 - 753-9526, Fax: 805-579-7800, [www.xmultiple.com](http://www.xmultiple.com)

## FOR IMMEDIATE RELEASE

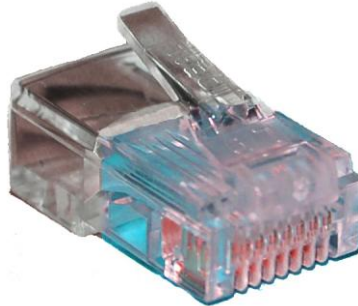
*For additional information, contact:*  
**Mr. Mike Basowski**

### **XMULTIPLE Unveils a New X-Sealant Gel RJ Male Plugs Withstands Harsh Environmental Conditions**

*XMULTIPLE Technologies Integrates Anti-Corrosion GEL into RJ Male Plug  
Connectors*

---

**Los Angeles, CA, May 14, 2008** - XMULTIPLE announced today the release of patent pending X-Sealant Gel RJ male plug connector. Xmultiple's X-Sealant GEL RJ male connector provides sealing and corrosion protection for indoor and outdoor equipment. The X-sealant RJ male connectors are designed to seal the individual wires and contacts within both the male RJ connector and the female RJ connector. X-Sealant Gel is released into the female connector jack once the male plug is connected. Xmultiple's X-Sealant male RJ Connectors are filled with protective GEL.



Small pin holes in the GEL filled area of the connector permit the GEL to be released into the female RJ connector when the male and female connectors are attached. Additional GEL is placed in the X-Sealant male connectors with the use of a small GEL tube which attaches to one of the pin holes. GEL is squeezed into the male connectors GEL cavity and the excess is released in the female through the small pin holes. GEL sealants are designed for multiple contact insertions and removals. The soft nature of gels allows them to re-heal and reestablish their seal. X-Sealant GEL is a specially formulated, high molecular weight connector GEL used as a dielectric compound and is

a superior corrosion protection. The thin viscosity of X-Sealant Anti-Corrosion Gel makes it easy to coat and prepare a barrier of protection that will outlast conventional greases. Xmultiple X-Sealant Anti-Corrosion GEL provides a superior oxidation barrier and lubricant for all electrical plugs, connectors, contact pins, and wires. It remains pliable and will not harden or crack. It exhibits excellent film strength and long life protection against rust and corrosion. Xmultiple has also released a complete line of RJ11 and RJ45 cables with the integrated X-Sealant Gel Male Plugs. The length of the cable can meet any customer's requirements and the X-Sealant Gel male Plug terminates to twisted pair cable the same as a standard RJ plug.

**Key Properties - Contains no wax and remains free flowing at low temperatures.**

- Chemical Corrosive Gel
- Grease: -45°F (-42.78°C)
- Oil -45°F (-42.78°C)
- Lightweight oil: -40°F (-40°C)
- Color -Translucent and Orange
- Dielectric Strength volts/mil 225

**Superior Benefits**

- Remains free flowing in freezing temperatures
- Won't drip, run or evaporate
- Repels dirt, dust, grit and grime
- Prevents rust and corrosion while reducing friction
- Long Lasting
- Reduces friction and wear
- Increases Mating Performance
- High dielectric strength
- Excellent resistance to salt water and humidity
- Will not dry out or form harmful abrasive deposits
- Wide temperature range of -45 degrees F to +185 degrees F
- Contains special corrosion protection additives

Traditional RJ connectors provide customers years of reliable service in the typical office environment. However, put the same connectors in a harsh environment and the connectors can fail and or disrupt your network connection. Exposing RJ connectors to extreme conditions such as temperature, moisture, electromagnetic interference, dust or

vibration and performance and reliability are reduced. The life of a normal RJ connector is normally 500 to 1000 insertion cycles. Harsh environments where exposure to these elements is a daily occurrence will result in transmission failures. In a poor environment the typical mated connection of a female RJ45 outlet and a male RJ45 plug may wear, and corrode. In the end, customers are faced with high maintenance costs due to trouble shooting and component replacement. X-Sealant Gel male RJ plug connectors are a solution to this problem. Once inserted into a female RJ connector the Gel provides protection for both the female and male connectors.

X-Sealant Gel Male Plug is a new breed of connector designed to deliver a robust Ethernet connection in even the harshest environments. X-Sealant Gel Male Plug connectors are environmentally tougher, stronger, durable and more resistant than any previous Ethernet connector. X-Sealant Gel Male Plug connectors are designed to withstand the most punishing industrial conditions and applications which include high cable stress.

Benefits and Features of the X-Sealant Gel Male Plug extend beyond just the Environment in the Premise Market Key advantages of the X-Sealant Gel Male Plug connectors include superior resistance to moisture.

The X-Sealant Gel Male Plug connectors can have Gel chemical coating and the contact pads also have a high density nickel and gold plating. X-Sealant Gel Male Plug connectors are made to provide the greatest possible environment protection of a connector which is not a sealed connector. Most office environments do not need harsh environmental connectors, however this added protection will improve protection of securing a users network and cable structure. The X-Sealant Gel Male Plug connectors have the protection features of many sealed connectors which have resistance levels to solid materials and resistance to liquid contaminants.

TR-42.9 sealed connectors protect against ingress of dust and from temporary immersion in water. X-Sealant Gel Male Plug connectors also protect against these elements. In addition, X-Sealant Gel Male Plug connectors are designed to resist exposure to other elements such as humidity and moisture.

**Moisture:** Traditional RJ connectors exposed to moderate humidity corrodes over time. Corrosion leads to intermittent transmission problems. In severe cases, contact pins within an outlet can break from corrosion.

**Corrosive Materials:** Exposure to corrosive gases and liquids is not common in office situations. In industrial situations these elements are common and traditional RJ connectors should not be used. Oil, gas, and chemicals can eat away at the outside connector housing, plug and jack metal contacts. X-Sealant Gel Male Plug help prevent the contact pins from corroding or degrading.

**Temperature Extremes:** Current RJ connectors are manufactured to tolerate temperatures between -10° C (14° F) and 60° C (140° F), typical of most office and light industrial environments. However, it is common in harsh environments for temperatures to exceed this range for an extended period of time. This expanded temperature range causes transmission failures and reliability issues. X-Sealant Gel Male Plug connectors have high temperature rated at between -40 degrees F to +85 degrees F.

Today, when designers or installers are faced with environmental problems, some decide to install traditional connectivity and hope for the best. Many RJ connector offerings for harsh environments are costly and provides limited protection.. Recent

estimates predict that by 2008 more than 28% of new manufacturing equipment will have an Ethernet connection. When this generation of production equipment enters the market, the factory floor will become a seamless extension of an organization's network. Applications which have extreme environment needs for X-Sealant Gel Male Plug include Refineries, Automotive facilities, Marine areas, Windmill plants, Mining, and Manufacturing plants. For these industries, moisture, corrosive gases and liquids, high temperatures, and humidity are common. X-Sealant Gel Male Plug provides one network solution for all areas of an enterprise's operation regardless of the environments. Call today for samples and you can evaluate the best solution for your networking and cabling system needs.

Xmultiple USA: 543 Country Club Drive #B-128 o Simi Valley, CA 93065 USA,  
(805) 579-1100, (800) 753-9526, FAX: (805) 579-7800