ETHERNET TO 10GbE, OR 8-LINE UNIVERSAL DATA!

One simple shielded and capable I/O connector can now accommodate ALL your Ethernet speeds as well as an 8-line universal data connector for other data protocols and interconnections.

- ✔ 10GBASE-T 10Gbit/s
- ✔ 1000BASE-T 1Gbit/s
- ✔ 100BASE-T 100Mbit/s
- ✔ 10BASE-T 10Mbit/s

While the STERJ4510G bulkhead interface connector is not RF filtered and does not provide any conductive RF isolation, it does provide a 100% shielded solution that is transparent to, and fully compatible with the Ethernet configurations above. Like any unfiltered I/O interfaces, strict shielding practices need to be maintained throughout your connections to minimize chamber RF ingress and egress. RF filtered interfaces are recommended wherever possible, and the use of this or any other unfiltered connectors in your specific RF shielded environment should be verified by your engineering department prior to ordering. All unfiltered connectors feature the same size mounting holes as our filtered interface series, for easy upgrade and downgrade.

**CAPTIVE SHIELDED PORT COVER**

Unlike other Ethernet bulkhead data connectors, when not in use, the data port can be capped off with the included captive shielded bonding cover, shielding the exposed data connector from the ambient free-air RF signals outside of the enclosure. Like all of our other connector shield caps, the cover is tethered and bonded to the RF Test Enclosure case ground.

**RF ISOLATION... CAN ONLY BE AS EFFECTIVE AS YOUR WORST I/O!**

When the lack of conductive RF isolation with unfiltered I/O connectors such as this provides RF ingress or egress issues into your Shielded Test Enclosure or Screen Room, look to Ramsey Electronics for latest state-of-the-art RF isolated interfaces to maintain greater than 80 dB isolation throughout today’s and tomorrow’s technologies.

From CE certified power, to USB, to 10GbE Ethernet, to 4K HDMI video, and everywhere in between, we’ll keep you isolated!