

CYPRIMUM



The Cyprium was built with one thing in mind -- pure performance. Unrivaled in quality and clarity, this interconnect is suitable for the most demanding of applications where pure, clean signal transmission is a must.

The Cyprium interconnect features true 75Ω impedance from tip to tip. Its solderless joining method guarantees no impedance bumps where cable meets connectors. Dissimilar metals result in an impedance of approximately 25Ω and exhibit extremely poor return loss performance. Moreover dissimilar metals can lead to corrosion and degradation of connectors. Noble Soundlab's use of solderless, premium connectors translate into long life and pure, undiluted 75Ω signal transmission. In fact, our joining method is so tight and exact, oxygen is fully excluded from entering the joint altogether.

The Cyprium's dual layers of braided copper shielding guard the pure copper center conductor so well that outside interference is all but nonexistent. A number of different shield types are used in the industry: a spiral shield wound around the dielectric; a braided shield woven from tiny wires; foil used alone; a braid and foil combination; or multiple braid and/or foil layers. As varied as the methods, so are the materials used; but when flexibility is required, the finest shield for reduction of interference has been proven to be a copper braid. The density and signal transfer properties of copper absorb and disperse interference so well, the center conductor is able to transfer unimpeded. We use two layers of braid, and this lets our pure copper conductors work at transferring signal without contamination.



- Pure 75Ω Impedance
- Pure Oxygen Free Stranded Copper Center Conductor
- Superior Signal Isolation
- Pure Gold Plated Ceter Contact
- Pure Gold Plated Beryllium Copper Outer Contacts
- No dissimilar metals at connector joint
- Dual layers of copper braided shielding for maximum signal protection
- Extremely high flexibility
- Oxygen free connector joints

- Cond.-AWG (Qty./mil.): AC-#22 (7/10.24)
- Cond. O.D. in. (mm): .031 (0.78)
- Dielectric Insulation Type*: PE
- Insulation O.D. in. (mm): .189 (4.80)
- Shield Material Coverage: AC Braid >92%(inner) >95%(outer)

*Dielectric Strength = 1000V AC/1min. Insulation Resistance/3Mft = >1000M Ω