

HIGH PERFORMANCE NEWS

In This Issue

[BIRNS Partners with ESNE Cutting Edge Custom Cable Assemblies LED-ing the Way](#)

Quick Links

[CEO BLOG](#)

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BIRNS Partners with ESNE



We're proud to announce that Electronic Sales of New England (ESNE) is BIRNS' newest sales representative. ESNE will be handling sales and support of our high performance electrical, coaxial, optical, electro-coax, electro-optical and electro-opto-mechanical hybrid connectors in Connecticut, Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, New York, New Jersey, and Pennsylvania.

With more than 35 years of experience, ESNE is the largest and longest continuously run manufacturers' representative firm in the Northeast serving the



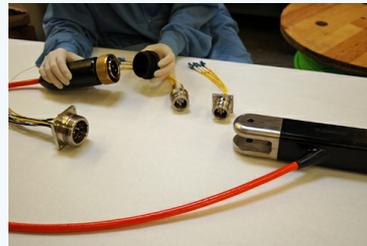
Cutting Edge Custom Cable Assemblies

We've been excited about opportunities to participate in some of the coolest custom cable assembly projects in the industry. Our latest projects have included creating complex electrical assemblies for a fascinating AUV



project to developing a sophisticated custom [Electro-Opto-Mechanical \(EOM\)](#) Kevlar strength member tow cable. The one featured below includes a forked clevis with a unique side exit design to

facilitate cable routing and deep submergence BIRNS Millennium™ 30 and 3T optical and electro-optical hybrid connectors. Our EOM cable assemblies provide immense performance capabilities and are developed with precision to preserve the integrity of the fragile optical fibers. Plus, they deliver huge levels of power, signal and data and withstand extreme environments, while providing load strengths of > 50,000 lbs. We're proud to be shaping the face of this exciting technology, so stay tuned for more developments on this front!



LED-ing the Way

We've just introduced the robust new BIRNS General-Area Chamber Light-LED™—an innovative, versatile fixture that safely provides brilliant lighting inside HeO2-atmosphere PVHO chambers. It's an advanced, customizable solution



perfect for submersibles, diving bells, personnel transfer capsules, and a wide range of decompression, recompression and hyperbaric chambers.

[This unique system](#) provides brilliant white light 3500K illumination with a 50,000 hour lamp life and a low <1W power consumption. It has an electrochemically polished aluminum reflector, and is vibration and shock proof-tailored to withstand the rigors of varying pressure work environments. The BIRNS General-Area Chamber Light-LED can mount on nearly any ceiling or structure wall, and has a superior heat sink design and case ground (earth) connection, for safe and seamless operation. It features a stainless steel helium release valve to prevent the risk of post-decompression explosion. This comprehensive low

Northwest serving the oceanographic deep community. "We are thrilled to partner with a well respected, successful team like ESNE," says Eric Birns, BIRNS President and CEO. "We expect that the organization's deep industry expertise and excellent customer service will solidify our brand and help us gain market share in this key part of the U.S."

voltage (15-40V DC; 12-28V AC) system comes complete with a factory-installed penetrator and cable assembly for savings and convenience and meets or exceeds applicable Det Norske Veritas (DNV), Lloyd's, and UL requirements.



Crafted from rugged hard black anodized aluminum, with a tempered borosilicate glass lens, it integrates a stainless steel cage for additional lamp protection and can be specified with an added connector and/or on/off switch.



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**BIRNS' Quality Management System is ISO 9001:2008 Certified
NRC 10CFR50, App. B Compliant
NAVSEA PRO-020 Certified**

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