

## **SMI CABLE ASSEMBLIES – NON FLAMMABLE**



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### **PRELIMINARY**

**New York – December 16, 2005** Electronic Links International, Inc. is introducing a new family of plug to plug cable assemblies in conformity with the form factor of the Small Multimedia Interface (SMI). These cable assemblies are specifically produced to address the avionic, marine and other applications where non flammability is a requirement. The optical cable used on them has a dual -primary and secondary – non flammable jacket that covers the POF core.

These cable assemblies are intended to mate with a printed circuit board socket connector also produced by Electronic Links. Both the plug used on the cable assembly and the socket are made in compliance with the International Electrotechnical Commission (IEC 61754-21). They can meet the IEEE 1394b specification. The socket has integrated the light sources from Firecomms.

The features and benefits are:

- Operate at S200 speeds, insertion loss is 3.0 db max with 500 cycles of durability
- Cable assemblies are up to 100 meters
- The mating force is 3.0 kgf max with an un-mating force of .5 to 3.0 kgf
- No EMI interference

Electronic Links International, Inc. is a U.S. based company engaged in developing a variety of connectors and cable assemblies, both in copper and optical. The company's web site address is: [www.electronic-links.com](http://www.electronic-links.com)

Firecomms is an Ireland-based technology company that develops high speed light sources in the visible range. The company utilizes 10 years of photonics research and optical expertise and has a range of transceiver solutions for Plastic Optical Fiber. The company's web site address is: [www.firecomms.com](http://www.firecomms.com)