

## **PRESS RELEASE March 01, 2005**

### **POF Installers tool kit for the new SMI i-LINK connector.**

A new Small Multimedia Interface (SMI) connector system has been introduced for plastic optical fiber (POF) which is suitable for low-cost high-speed data transmission for applications such as home networking. The job of installing these connectors has been simplified with the new FiberFin "all in one" Installers kit. Paul Mulligan of FiberFin Inc. comments to say "This kit was tailored made for the installer so that they have one tool that can do all the jobs of installation". The FiberFin hand tool can terminate the fiber, strip the jacket to the proper length and install the connector with consistent results every time which is a must for the professional installer. The termination is done by clamping the POF cable into place and then squeezing it and then a very precise round razor blade can cut the cable with a scissor like action without damaging the fiber. Damage to the fiber is a very common occurrence when you try to just cut POF with a normal razor blade, The exit cut will chip the fiber and cladding and the cut will not be as precise and perpendicular as with the FiberFin termination system that has a average attenuation loss 1.0 –1.5 db. The special blade on the FiberFin "all In One Tool" is mounted on a gear assembly that rotates the blade every time you cut a fiber so that you get even wear on the cutting blade and very constant fiber termination results. After 1270 cuts the cutting assembly will stop and prevent the usage of the unit, At this time you are able to put on the replacement cutting head that is supplied with the kit and your ready to go again. The FiberFin's cutting system is a safe way to handle termination of POF as the cutting system is enclosed and user friendly.

This new duplex-style connector system can operate at S200 (250 Mbps) speeds for up to 50 meters today and S400 (500 Mbps) in the future.

Paul also concludes, "This new FiberFin Installers kit for the SMI will help bring POF to the home installers and bring more choices for installing high speed networks" FiberFin will be demonstrating its POF termination tools at the POFTO's BOOTH # 3331 at the OFC show with the new GI-POF along with standard step index POF

For more information, please visit [www.FiberFin.com](http://www.FiberFin.com) or call Paul Mulligan direct at 630-553-6924. For more information about POF please visit the POFTO website at [www.pofto.com](http://www.pofto.com).