

Optelecom-NKF Inc.
12920 Cloverleaf Center Drive
Germantown, Maryland 20874 USA
telephone +1 301 444. 2200
fax +1 301 444. 2299

December 21, 2005

To whom it may concern,

As a Program Manager for Optelecom's Electro-Optics Group I strongly recommend Optical CrossLinks (OXL) technology and products. I have used them over the last 4 years in fly-by-light development programs for Boeing and the Air Force. They have a wealth of capability and expertise and have made contributions to our programs unobtainable from any other source. OXL has developed the capacity for manufacturing custom optical fiber ribbons and polymer waveguide components using their proprietary designs.

Optelecom's programs have utilized OXL's unique 1x16 polymer waveguide splitter and waveguide based WDM add/drops. OXL's splitters were well received by Boeing and the Air Force due to their extremely small size, light weight, compact package and their superior optical loss and balance. Custom ribbons with non-standard or large fibers and with non-standard fiber numbers were manufactured by OXL for our Fiber Cable Plant deliverables. OXL also provided Optelecom custom interconnecting break out links for use with the Boeing/Air Force Fly-by-Light (FBL) demonstration cable plant. Their excellent performance and delivery won OXL a Boeing Pride product award.

As part of Optelecom's position encoder development, OXL provided a unique polymer waveguide compact sensor head. OXL designed, engineered and constructed the waveguide sensor head package to meet Optelecom requirements. The compact sensor head had dual inputs and outputs in a little over one square centimeter cross section that provided two position sensing signals for enhanced accuracy and absolute position location.

In a related development program, OXL also provided Optelecom with a demonstration unit for an optical waveguide backplane to daughter board connector. OXL's board-to-board interconnection technology provides a unique solution to optical backplane connectivity.

All of OXL's products have demonstrated high quality. I strongly recommend Optical CrossLinks products and services. I am not aware of other groups who have the unique technology base and are actually delivering similar products so important to us at Optelecom for pursuing aerospace applications. OXL is a charter member of our FBL Technology Consortium.



William Ziegler
Program Manager
E-O Group
Optelecom-NKF
12920 Cloverleaf Center Dr
Germantown, MD 20874