

**LIEKKI™ EasySplice software v1.7**  
**Release: August 29, 2007**

**IMPORTANT NOTE**

LIEKKI™ EasySplice software is based on Visual Basic macros. When we deliver this program we guarantee, that the file is virus-free. We do not guarantee files coming from other sources than LIEKKI or OptoEI.

In order to use LIEKKI™ EasySplice software you need to set the protection level of Microsoft Excel to medium or low. The high level of protection will inactivate all the macros in the file, making the file useless.

**INTRODUCTION**

LIEKKI™ EasySplice software is a Microsoft Excel based program allowing fast retrieval and management of splicing parameters for various splicers and fibers.

On top of the screen are three lists for: splicers, doped fibers and pigtails. By choosing any combination, a list of splicing parameters and their recommended values will appear below the lists. Also, splicing recommendations (general and specific to the fibers involved) will be shown on the box placed on the left side on the screen.

On the top right corner of the screen, a “Help” button displays help information, and a “About” button displays version and copyright information.

Release notes v1.7

- Full description of splicing parameters added for Vytran splicer
- Fujikura splicer added

Release notes v1.6

- Active fiber names updated to the current LIEKKI™ product list

Release notes v1.5

- Vytran parameters for laser fiber included

Release notes v1.4

- Yb fiber names updated from the old LF6xxx to the new LIEKKI™ Yb2000-x/125DC

Release notes v1.3

- Expected splice loss and standard deviation included
- Help file updated
- LF6002 added to products

## HOW TO

### ...select the desired splicing configuration

Select the desired splicer from the splicer-list, select the doped fiber to be spliced from the doped fibers-list and then select the pigtail fiber from the fiber pigtail-list. After the selection, the splicing parameters and the splicing instructions will be displayed.

### ...print the splicing parameters

Use the Microsoft Excel "Print" button. If you want to print a selected area of the sheet, select the desired area and then File\Print.

### ...view data sheets

All information is stored in worksheets. The main worksheet is "Display". Splicing information is stored in a separate worksheet for each splicer. To view these worksheets, select FORMAT, SHEET, UNHIDE and the worksheet you would like to view. The cells C1, G1... contain the types of the doped fibers to be spliced.

The names of the fiber pigtails are listed below each doped fiber name in the cells C2, D2... and then G2, H2.... This list ends with the cell "Comments". Column A, starting with A3 contains the names of the splicing parameters. Below each fiber pigtail name the parameter value for each splicing parameter is shown.

### ...modify data

The file you have received from LIEKKI or Optoel is a read only file. In order to make any modification to the file you first have to open the file and then to save it under a different name. The saved copy is read/write, so that it can be updated.

### ...modify splicing parameters

To modify splicing parameters, first reveal the sheet tabs (see the above procedure). Any information on the worksheet can be modified.

### ...add more splicers

Add another worksheet, name it with the name of the desired splicer and add the data in the same format to the worksheet as described in "How to ...view data sheets". The colors on the worksheet are irrelevant for the program. Write the splicing parameters in the first column and leave an empty row after the last parameter. After the empty row, following the last parameter name, write in the first column the following information: \*\*\* Recommendations (\*\*\*) are mandatory). The cell below this column will contain the general recommendations.

### ...add more doped fibers and pigtails to a splicer

Add more columns to the splicer worksheet considering the following rules: the name of the doped fiber in the first row leaving one empty column from the last "Comments" column. The name of the first pigtail has to be placed immediately below the name of the doped fiber, and the successive pigtails on the same row but next columns. The list of pigtails has to be ended by "Comments". The splicing parameter values will be written below each pigtail in the corresponding rows. Special comments for each splicing parameter may be

written on the "Comments" column. The specific recommendations will be placed in the same column as the parameters and in the same row as the general recommendations.

**CONTACT INFORMATION**

Liekki Corporation  
Sorrnrinne 9  
FI-08500 Lohja, Finland  
liekki@liekki.com  
www.liekki.com

OptoEI Ltd  
Al. Vlahuta 37/24  
RO-3400 Cluj-Napoca, Romania  
office@optoelsoft.com  
www.optoelsoft.com