GENERAL DESCRIPTION

Based on the known Diamond ZEUS D50 Fusion splicer, which provides fast, easy, and high performance field terminations of Splice-On Connectors (SOC), we have developed a new Kit with the aim of simplifying the field repair or termination of HE connectors.
The Kit contains everything that is needed to prepare, handle and splice tough outdoor/military and industrial cables with an outer diameter of 3 mm to 8 mm, including a cleaver and an automated stripping machine with heated jaws. Once the cable is fixed on a sliding holder, all three operations can be carried out without additional cable manipulation.
Everything is stored safely in an IP64 hard case which also acts as a working surface in harsh environments.
The ultra compact all-in-one system can be taken out of the case for easy handling.

FEATURES AND BENEFITS

- User friendly all-in-one system allows stripping, cleaving and splicing processes to be carried out in order to ensure safe cable manipulations
- Optional sets available for terminating the following Diamond X-BEAM Fusion (only on MM fiber), revos E-2000®, HE-2000®, MIL-38999 DM, MIL-83526 DM.
- Optional sets available for terminating Diamond E-2000®, F-3000®, SC, FC and ST™ Splice-On Connectors (SOC)
- Enhanced cable handling for 3-8mm outdoor/Mil cables thanks to special holders granting a higher splice yield
- Complete Kit of all the tools required to carry out all processes ranging from cable preparation to connector body assembly
- IP64 carrying case for use in harsh environments

ZEUS D50 HE KIT DATA

<table>
<thead>
<tr>
<th>Insertion Loss (IL) (dB)</th>
<th>Return Loss (RL) (dB)</th>
<th>Repeatability of IL (min)</th>
<th>Service Life (cycles)</th>
<th>Operating Temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>typ. 0.2 max 0.5</td>
<td>min. 40</td>
<td>max. ±0.1</td>
<td>1000</td>
<td>-40°/+85**</td>
</tr>
<tr>
<td>typ. 0.25 max. 0.5</td>
<td>min. 50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>typ. 0.25 max. 0.5</td>
<td>min. 70**</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Measured with high precision reflectometer
** May be further limited by cable specifications

Specifications subject to change without notice
MAIN CONTENTS OF THE BASE KIT
- Diamond Zeus D50 HE fusion splicer with power supply, power cable and user manual
- High-performance automatic thermal cable stripper (Schleuniger)
- Fiber cleaver
- Mounting plate with rail guide and cable fixing holders
- Complete toolkit with fiber pliers and alberino holders
- Robust IP64 carrying case
- All the required consumables

AVAILABLE OPTIONAL ASSEMBLING KITS (with assembly instructions)
For HE connectors:
- X-BEAM Fusion
- revos E-2000® Fusion
- HE-2000® Fusion
- MIL-38999 Fusion
- MIL-83526 Fusion

For Splice On Connectors (SOC):
- E-2000® und F-3000® Fusion
- SC Fusion
- FC Fusion
- ST Fusion

FOR CROCODILE SPLICE UNIT

NOTE  - Upgrade kit from standard ZEUS D50 Fusion splicer to ZEUS D50 HE available upon request

ORDER INFORMATION
Please refer to the part numbers provided in the separate P/N list.
For other configurations, please contact your nearest local Diamond representative or fill in the contact form available on the www.diamond-fo.com website.