The "Crocodile Splice Unit" is a Diamond device (patent pending) which provides a simple way to repair and install fiber optic fibers and cables as well as to add cable extensions to existing fiber optic installations. When used for repairs, replacing already installed cables can be avoided. This remarkably reduces maintenance expenses and wasted time while re-establishing interrupted fiber optic connections. The "Crocodile Splice Unit" is a further development of the well-known crocodile alberino fusion system and can be terminated using the ZEUS D50 Fusion Field Termination Kit and only a few additional tools and accessories.

The "Crocodile Splice Unit" is available for SM and MM Tight Buffered (TB) fibers 250µm, 400µm, 600µm and 900µm and cables (1.6 to 3.1 mm). Other fiber types can also be accommodated upon request.

**FEATURES AND BENEFITS**

- Simple, fast and reliable field repair and installation
  *reduces operator error*
- Solution based on standard splicing process
  *today's most precise and reliable solution for permanent fiber connections*
- Integrated, small and robust splice protection and cable boots
  *avoids cost and reduces the space requirements associated with additional splice trays and boxes*
- Compact, light weight

**AVAILABLE AS**

- Crocodile Splice Unit, (to be terminated with Diamond Fusion equipment).

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>MULTIMODE / SINGLE MODE</th>
<th>UNITS</th>
<th>TEST CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss (IL)</td>
<td>typ. 0.1 max. 0.2</td>
<td>dB</td>
<td>IEC 61300-3-4; λ = 1300/1550nm</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-40/+85*</td>
<td>°C</td>
<td></td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-40/+85*</td>
<td>°C</td>
<td></td>
</tr>
</tbody>
</table>

* May be further limited by cable specifications

**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](http://www.diamond-fo.com) website.
SINGLE PARTS OF THE CROCODILE SPLICE UNIT

Cable version

- Bi-adhesive Crocodile Alberino
- Crimping sleeve
- Crimping bush
- Cable boot
- Protection Ø 6mm

Fiber version

- Crocodile Alberino Ø 2.6 mm
- Suitable for Diamond surface mount and wall embedded outlets, as well as for splice trays

CROCODILE FUSION EQUIPMENT

Crocodile Fusion equipment is based on DIAMOND’s ZEUS D50 Fusion Field Termination Kit and provides all the tools and instructions required to easily repair and install fiber optic cabling.

ORDER INFORMATION

Refer to the part-specific Zeus D50 Fusion Field Termination Kit datasheet.