Diamond’s Crocodile repair set is a patent pending solution, which provides a simple way to repair or add cable extensions to existing cable installations. Its lightweight and robust construction permits to use it in harsh environments and under high mechanical stress. It is available for SM and MM service, for secondary coated fibre and fibre cables (1.6mm – 3.1 mm). Being part of the Crocodile technology, it is the completion of this versatile and modular field installation system which covers indoor, outdoor and harsh environments assemblies. (Further information: www.diamond-fo.com).

Particularly, the Crocodile Repair Set ABS 1632-003 is qualified and adapted for repairs of the Airbus fibre optic cable ABS0963-003 LF.

**FEATURES AND BENEFITS**
- Simple, fast and reliable field repair, even in severe conditions
- Integrated, small and robust splice protection and cable boots
- Compact, light weight
- Resistant to high cable tensions

**AVAILABLE AS**
- Repair Set P/N 1046361, (to be terminated with Diamond repair tool kit)
- AIRBUS P/N ABS 1632-003

**OPTICAL PERFORMANCES**

<table>
<thead>
<tr>
<th>MEASUREMENT / TEST</th>
<th>MULTIMODE VALUES</th>
<th>STANDARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss (IL)</td>
<td>0.15 dB</td>
<td>EN 2591-601 λ = 1310 nm</td>
</tr>
<tr>
<td>Return loss</td>
<td>&lt; 35 dB</td>
<td>EN 2591-605 λ = 1310 nm</td>
</tr>
</tbody>
</table>

**MECHANICAL AND ENVIRONMENTAL CONDITIONS**

- Rapid temperature change: -60 / +150 °C, 15 cycles
- Temperature endurance: 1000 h @ 150 °C
- Thermal cycling: -60 / +150 °C, 15 cycles
- Cold/low pressure damp heat: -60 °C; 10 cycles
- Salt mist: 500 h
- Sand and dust: 8.9 m/s; 1 cycle
- Damp heat cycling: 10 cycles
- Flammability: Method A
- Fluid resistance: Fluid 1,3,9,10,11,15 per EN3909-Method 1
- Mould growth: Method A; 28 days
- Cable cycling flexing: Method C; 100 cycles @ 40 N
- Cable pulling: Method B; 100 N, 1 min. 3 pulls
- Cable torsion: 100 cycles @ 40 N
- Radial compression: 500 N; 15 sec. 2 axis
- Random vibration: Method B; Figure 2; Level J; 8h/axis
- Shock: Method A; min. 50 shocks/dir. on 2 main axis

**STANDARDS**

- EN 2591-601 λ = 1310 nm
- EN 2591-301 λ = 1310 nm
- IEC 61300-2-22 λ = 1310 nm
- EN 2591-303 λ = 1310 nm
- EN 2591-307 λ = 1310 nm
- EN 2591-308 λ = 1310 nm
- EN 2591-321 λ = 1310 nm
- EN 2591-317 λ = 1310 nm
- EN 2591-609 λ = 1310 nm
- EN 2591-610 λ = 1310 nm
- EN 2591-611 λ = 1310 nm
- EN 2591-614 λ = 1310 nm
- EN 2591-602 λ = 1310 nm
SINGLE PARTS OF THE CROCODILE REPAIR SET

CROCODILE REPAIR EQUIPMENT
Crocodile repair equipment is based on DIAMOND’s ZEUS Fusion Field Termination Kit and provides all the tools and instructions required to easily repair existing fiber optic installations.

ORDER INFORMATION
Repair tool kit P/N 1047320
Contact your local Diamond representative for additional information.

MAIN KIT CONTENTS
1. Rugged carrying trolley case
2. Fusion Splicer with battery
3. Precision fiber cleaver
4. Repair sets and tools
5. Cleaning parts
6. Working board with adjustable belts

Dimensions: ca. 540 x 340 x 250 mm
Weight: ca. 12 Kg