Data-intensive applications such as towed array sonar systems, well logging and monitoring equipment, digital seismic streamers, as well as magnetic flux leakage and ultrasonic inspection sensors used in intelligent pipeline inspection are ideally suited for ruggedized high-pressure fiber optics. Fiber optic interconnect systems deliver ultra high data bandwidth, immunity from RFI and other forms of electromagnetic interference, as well as reduced size and weight compared to high-speed copper. Glenair SeaKing™ Fiber optic subsea connector solutions include harsh-environment overmolded cable assemblies, multibranch inside-the-box jumpers, as well as Glenair signature high-temp, high-vibration transceivers and optical-to-electrical media converters. Pressure-balanced oil-filled (PBOF) cable assemblies are also available for deep subsea applications.

- Overmolded and PBOF butt-joint assemblies
- Full hydrostatic qualification test report available
- Wide range of underwater optical fiber and hybrid fiber/electric layouts
- Singlemode and multimode
- <1.0db data loss for singlemode
HIGH BANDWIDTH
SeaKing™ Fiber Optic
10K PSI open-face pressure-rated fiber optic connectors, cables, transceivers, and media converters

ENVIRONMENTAL OVERMOLDED FIBER OPTIC JUMPERS
- Straight and right-angle cable routing
- High-pressure fiber optic cable
- Chemical-resistant Viton® or polyurethane overmolding

PRESSURE-BALANCED OIL-FILLED (PBOF) HIGH-PRESSURE FIBER OPTIC ASSEMBLIES
- High-pressure fiber optic cable in clear polyurethane tubing
- PBOF backshell, Straight, 45°, and 90° options
- 10K PSI high-pressure open face SeaKing Fiber connector

MULTIBRANCH INSIDE-THE-BOX ASSEMBLIES WITH ST-, FC-, AND LC- TYPE FIBER OPTIC CONNECTORS
- Multibranch transceiver terminations
- Glenair singlemode or multimode fiber optic cable
- 10K PSI high-pressure open face SeaKing Fiber connector

KEY AND KEYWAY POSITIONS

<table>
<thead>
<tr>
<th>Alternate Keywa Positions</th>
<th>Key Rotation</th>
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<tbody>
<tr>
<td>Key Position</td>
<td>A°</td>
</tr>
<tr>
<td>Normal (N)</td>
<td>150°</td>
</tr>
<tr>
<td>A</td>
<td>75°</td>
</tr>
<tr>
<td>B</td>
<td>95°</td>
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<tr>
<td>C</td>
<td>140°</td>
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