To provide customer with customized solutions, SOURIAU have developed an expertise in the use of new technologies for extreme environment. The SOURIAU products from this catalogue have been developed in close cooperation and partnership with our customers. For that purpose, the specification of requirement remains the first important step. From this, we can choose the best technology available, be new or existing.

From the coldest to the warmest, in high voltage or high speed transmission fields, or why not in miniaturized version, our teams are ready for your challenge.
High Performance Connectors

SN 2509 K
- Miniature connectors with bayonet coupling for high voltage cables (3kV)

JHV–HTN
- This connectors feature high voltage performances and extreme robustness coupling

SN 1339 K
- Miniature connectors with bayonet coupling for high voltage cables (3kV)

Hermetic Connectors

SN 2245
- Feed through hermetic connector

Rack and Panel Connectors

SN 253/353
- Rack & panel floating connector compensating for misalignment of ±1 mm

SN 1807
- Blind mating rack and panel connector

SN 1458
- Blind mating low cost rack and panel connectors

SN 2550-23
- Rack and panel power connectors

SN 2428
- Miniaturized
High Performance Connectors

**Pyrotechnic Connectors**
- SN 236: Fire protective feed through with ceramic insulator
- SN 634: Packing gland fire protective feed through with thermo set and elastomer insulator
- SN 1803: Using the most advanced technologies and materials

**High Performance Data Transmission Connectors**
- SN 1767 K
  - SN 2297 K: Single way connectors with triaxial interface according to MIL-STD 1553 B
- SN 1922: Elbow hermetic feed through 11 GHz
- SN 1922: Elbow hermetic feed through 11 GHz

**Miniaturized Connectors**
- SN 855: Nuclear hardened miniature screw coupling connectors
- SN 2076: Hermetic feed through 18 GHz with high thermal shocks from 20° C to -269° C

- Highly miniaturized Quick disconnect components with safe locking
<table>
<thead>
<tr>
<th>Description</th>
<th>Features</th>
<th>Applications</th>
<th>SOURIAU high performance connectors type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rack and Panel</td>
<td>till 6° of freedom</td>
<td>Umbilicals, missiles</td>
<td>SN 1807 – SN 253/353</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SN 1458 – SN 2550</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SN 2428</td>
</tr>
<tr>
<td>Hermetic</td>
<td>Pressure, temperature, vacumm, high frequency</td>
<td>Missiles, radars, satellites, launchers</td>
<td>SN 2245 – SN 1740</td>
</tr>
<tr>
<td>Pyrotechnic</td>
<td>Shocks and pressure</td>
<td>Offshore, sensors, military weapons system</td>
<td>See our product data sheet</td>
</tr>
<tr>
<td>Miniarurized</td>
<td>Low volume</td>
<td>Drones, missiles, planchers, military weapons system</td>
<td>SN 855 and see our product data sheet</td>
</tr>
<tr>
<td>Extreme Temperature</td>
<td>More than 900°C (cycle)</td>
<td>Engines, helicopters, submarins</td>
<td>SN 634 – SN 236</td>
</tr>
<tr>
<td></td>
<td>More than 250°C (continuous)</td>
<td>Jet engines, offshore</td>
<td>SN 1803</td>
</tr>
<tr>
<td></td>
<td>Till –269°C (cycle)</td>
<td>Cryogenic tanks, Satellites</td>
<td>8972</td>
</tr>
<tr>
<td>High Voltage</td>
<td>From 3 kV to 50 kV</td>
<td>Lasers, radars</td>
<td>JHV/HTN-SN1339 – SN 2509</td>
</tr>
<tr>
<td>High performance Data Transmission</td>
<td>From 10 GHz to 20 GHz</td>
<td>Radars</td>
<td>SN 1922 – SN 2076</td>
</tr>
<tr>
<td></td>
<td>MIL-STD-1553/1760</td>
<td>Missiles, military weapons system, launchers</td>
<td>SN 1767 – SN 2297</td>
</tr>
</tbody>
</table>