



# Interconnect Solutions for Extreme Environments

## Climatic and Mechanical

# SOURIAU

## Connectors for Extreme Environments

SOURIAU designs connectors for critical systems in the harshest environments. Major manufacturers trust SOURIAU's expertise and industrial excellence.

### CORROSION RESISTANCE

### UV RESISTANCE

### HIGH MATING CYCLES

### EXTREME TEMPERATURE



### IMMERSION LEVEL

### HIGH SEALING LEVEL

### HIGH VIBRATION



**M Series**  
Waterproof up to 1,000 bars.  
20 cycles of 24 hours salt spray resistant.

10,000 m >500 h  
Salt Spray



**TP Series**  
Waterproof up to 30 bars. Capable of prolonge used in presence of oil, gas, sand, mud, ...

300 m >500 h  
Salt Spray



**MSH Series**  
Extreme resistance to pull out force.  
6 cycles of 48 hours salt spray resistant.

IP68 6x48 h  
Salt Spray



**Clipper Series**  
Permanent waterproof level.  
Immersion at depths down to 30 meters.

IP68 >5 years



**UTL Series**  
Ideal for outdoor dynamic applications requiring underwater immersion.

IP68/69K >5 years



**JBX Series High Density**  
Endurant and waterproof. For temporary or continuous water immersion.

IP68 >1,000  
Mating Cycles



**8D Series**  
A full range of customized solutions. Multi-qualified product.

High Vib 200°C



**8STA Series**  
Compact connectors. Withstands high level of shocks and vibrations.

High Vib 175°C



**U Series**  
Waterproof mated/unmated up to 30 bars. High corrosion resistant.

300 m >500 h  
Salt Spray



**MPH Series**  
Extreme resistance to pull out force. 20 cycles of 48 hours salt spray resistant.

20 m >500 h  
Salt Spray



**851 Series**  
Industry proven connectors. Conforms to MIL-DTL-26482.

IP68 >500 h  
Salt Spray



**UTS Hi Seal Series**  
UV resistant. 250 matings. 5 years of exposure to sun and moisture.

IP68/69K >5 years



**Geophysics Series (SER2 & GEO2)**  
Shaped for mating in mud and water. Designed to match the harshest environments.

IP68 >5 years



**VGE1 Series**  
Endurant, ruggedized and reliable. Up to 2,000 mating cycles.

High Vib 2,000  
Mating Cycles



**8533 Series**  
High temperature resistance. Fireproof tested (1100°C).

High Vib 260°C

# SUNBANK

## Backshells, Conduits, Caps and Accessories

**SUNBANK** provides a large variety of interconnect solutions to vector and secure the cable routing. We would like to present hereby some of the major ones.



### Backshells

- Large termination types: strain relief, banding platform with or without heat shrink boot, EMI/RFI shielding.
- Various Standards: MIL-DTL-38999, M28840, BACC10, AS85049, ABS1361, ABS1358, etc.
- Various materials and platings. Circular and rectangular.



### Flexible conduits

- Repairable and static/dynamic cable routing.
- Wire protection from mechanical and chemical stresses.
- Metallic braided shielding that coats the flexible conduit for an excellent EMI/RFI protection.



### Protective caps

- Protect from dust and moisture unmated bayonet and screw coupling connectors.
- Various platings available.
- Qualified to fit on MIL-DTL-38999, MIL C 5015 and MIL 83723 among many other connectors.



### Accessories

- Shield termination band tighten the braid on the backshell and ensures excellent shielding continuity.
- Shield support ring.
- Transition accessories provide a robust fan out on the harness in multiple direction.

# Unique Capability

## SOURIAU-SUNBANK Services



- High levels of finished connectors and accessories stock from our worldwide distributors network.
- Free and user friendly 3D models downloadable from our website.

## Expertise & Excellence



- **SOURIAU** and **SUNBANK** have developed ruggedized and reliable products for military, geophysics, railway, heavy industry, motorsport and many other markets, fully compliant with harsh environment requirements.
- All **SOURIAU** and **SUNBANK** solutions are designed to guarantee the most effective, safe and reliable signal/power transmission.

## A Trusted & Reliable Partner



- For many years, **SOURIAU** and **SUNBANK** have become a trusted partner for major manufacturers and their subcontractors.
- **SOURIAU** and **SUNBANK** are worldwide recognized as market leaders in the design and manufacture of connectors and interconnect systems for severe environments.

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# SOURIAU - SUNBANK