



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

Interconnect Solutions for Extreme Environments

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