Interconnect Solutions for Extreme Environments
Climatic and Mechanical

SOURIAU-SUNBANK
Connection Technologies
SOURIAU designs connectors for critical systems in the harshest environments. Major manufacturers trust SOURIAU’s expertise and industrial excellence.

**Connectors for Extreme Environments**

- **8STAVGE1**
  - *Series:* Endurant, ruggedized and reliable.
  - *Up to:* 2,000 mating cycles.

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

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

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

- **UTS Hi Seal Series**
  - *UV resistant.*
  - *250 matings.*

- **5 years of exposure to sun and moisture.*

- **MPH Series**
  - *Waterproof up to 30 bar.*
  - *Capable of prolonged use in presence of oil, gas, sand, mud...*
  - *20 cycles of 48 hours salt spray resistant.*

- **851 Series**
  - *Industry proven connectors.*
  - *Conforms to MIL-STD-883Q.*
  - *UV resistant.*

- **UTL Series**
  - *Ideal for outdoor dynamic applications.*
  - *Requiring underwater immersion.*

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

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  - *High corrosion resistant.*

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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 bayonnet 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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