

METAL COATED FIBERS

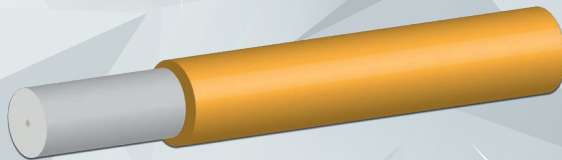
Make your fibers resistant to
extremely high temperatures

DOES NOT AFFECT
**OPTICAL FIBER
CHARACTERISTICS**

IDEAL FOR
APPLICATIONS IN
HARSH ENVIRONMENTS

FIBER SOLDERING
IN **HERMETIC
PACKAGING**

EXCELLENT
**MECHANICAL
PROPERTIES**



FIBER BONDING
TO **METAL
STRUCTURES**

AVAILABLE COATINGS:
CU, AG, AU

TEMPERATURE
RESISTANT
UP TO 900°C

**EASY
HANDLING**



SPECS

- Metal coatings:
Cu, Au, Ag
- Other (polymer or metal) coatings on request
 - Lengths up to **several kilometers**
 - Guaranteed fiber protection **up to 900°C** in corrosive atmosphere
 - Custom thickness: from nanometers to a millimeter



APPLICATIONS


- **Harsh environments** (e.g. power plants, furnaces, engines, nuclear reactors, etc.)
- **Corrosive atmospheres** (e.g. presence of chemicals or radiation)

SENSING

Temperature, Flow, Vibration, Acoustic, Pressure

TELECOMMUNICATION

- Hermetic packaging
- Resilient infrastructure for emergency & back-up networks.



Give your fibers the best protection from harsh environments - now within reach!