



METAL COATED FIBERS

Make your fibers resistant to **extremely high temperatures**

DOES NOT AFFECT
OPTICAL FIBER
CHARACTERISTICS

IDEAL FOR
APPLICATIONS IN
HARSH ENVIRONMENTS

EXCELLENT
MECHANICAL
PROPERTIES



FIBER BONDING
TO **METAL**
STRUCTURES

AVAILABLE COATINGS:
Cu, Ag, Ni, Au

TEMPERATURE
RESISTANT
UP TO 900°C

EASY
HANDLING



SPECS

- Metal coatings:
Cu, Ni, Au, Ag
- Other coatings:
Graphene Oxide, Polyimide, Acrylate
- 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

Emergency connectivity for government buildings, hospitals and data centers.



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