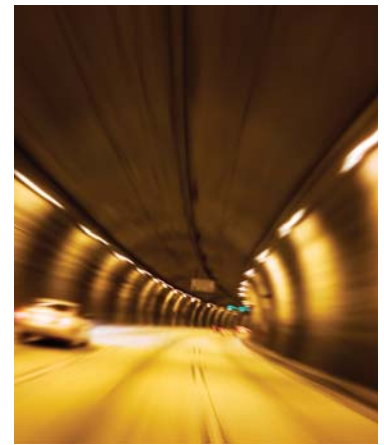


JUMPERS FOR FBG SENSING NETWORKS LABORATORY & OUTDOOR



- ▶ connection FC/APC, E2000
- ▶ laboratory · \varnothing 0.9 mm
- ▶ indoor · \varnothing 3 mm
- ▶ outdoor armor · \varnothing 3 mm / V2A
- ▶ embedded armor · \varnothing 5 mm / V2A
- ▶ Available length: 1, 2, 5, 10, 25, 50, 100m, > 1km

INFAP general purpose jumpers for FBG sensors provide the user with a wide range selection available for the specific needs of each application. These connecting jumpers are equivalent to the electrical cables used with conventional sensors, but allowing the lossless link of several sensors in series and offering inherent insensitivity to environmental induced noise.



JUMPER APPLICATIONS

Laboratory jumpers have 0.9 mm diameter, and are suitable for laboratory experiments and for low weight or small structures. Indoor jumpers are the most common type. With 3 mm diameter, these aramid yarn reinforced cables can be used in all indoor applications. Outdoor fiber jumpers have 3 mm diameter and are protected with both aramid yarn and stainless steel armor, being therefore suitable for almost all outdoor applications.

Embedded armor jumpers are specifically designed for harsh environments and for embedding in concrete structures. The optical fiber cable is protected with a stainless steel 5 mm tube and the connections are isolated by a hermetic stainless steel shield (see pictures).



Specifications

Environmental

operation temperature	-20 to 80° C
relative humidity	< 90% at 80° C

Specifications may change without notice.

