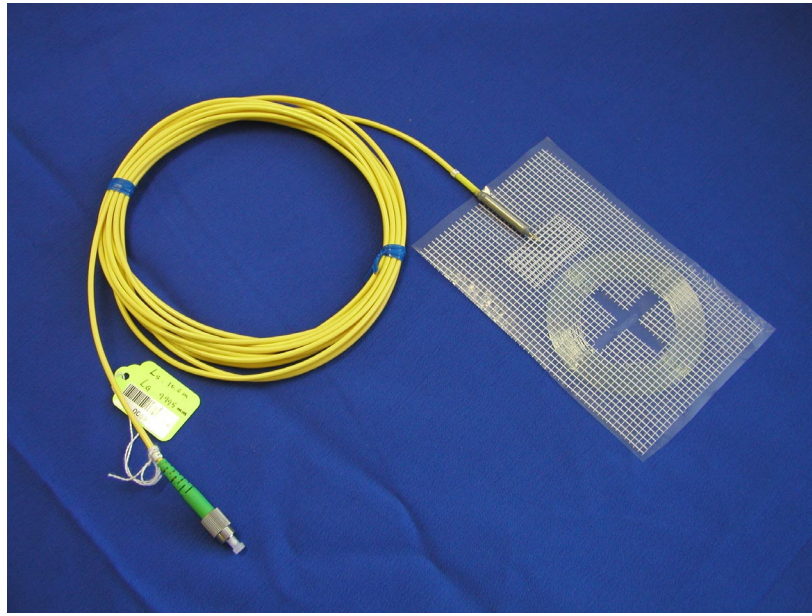


## FT Coil Fiber Optic Sensor



- Suitable for crack opening measurements, localized deformations, temperature measurement
- Integrated rugged fiberglass mesh backing
- Available in gage lengths up to 30 m
- Sub-micron resolution and 15  $\mu\text{m}$  accuracy
- All fiber optic – no EM emissions, immune to EMI/RF – safe for use in explosive or other hazardous environments
- Able to fit complex contours with flexible optical fiber
- Fiber optic lead cable can be run several hundred meters back to instrumentation without signal loss

For more information please contact FOX-TEK @ (416) 665-2288  
[www.fox-tek.com](http://www.fox-tek.com)

### Specifications

Instrumentation	FOX-TEK FTI-3300 or higher
Sensor Length	1m, 2m, 5m, 10m, 20m, 30m standard, custom lengths available
Measurement Range	Up to 3% strain (limited by measurement range of scanning instrument)
Mounting fixtures	Bonds directly to structural surface using appropriate adhesive
Operating Temperature	-25° to +55°C (limited by operating range demodulation instrument)