

FT Bare Fiber Optic Sensor



- Measures total displacement along gage length
- Available in gage lengths up to 30 m
- Sub-micron resolution and 15 μm 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
- Small fiber diameter (250 μm) for non-intrusive embedding
- Fiber optic lead cable can be run several hundred metres back to instrumentation without signal loss
- Available with rugged fiberglass mesh backing

For more information please contact FOX-TEK @ (416) 665-2288
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)