



HIGHEST QUALITY AND COST-EFFECTIVE

FBG Sensor Array 1550nm

We offer the highest-quality fiber Bragg grating (FBG) sensor arrays, inscribed with the most advanced fs-laser point-by-point inscription process. We provide all required FBG specifications tailored to your needs, from custom wavelengths, over low/high reflectivities to narrow/wide bandwidths. Our FBG arrays are available as bare fibers or furtherly assembled with standard telecom connectors and additional tubing and capillaries for direct use.

SPECIFICATION

Key Figures

Max FBG Sensors per Fiber

30

FBG Length

3-8mm

FBG Wavelength Range

1460-1620nm

Response Time

50-200ms (depending on tubing)

Thermal Stability

<350°C (strain), <800°C (temperature, depending on tubing)

Polarization Dependency

<5µm (typical)
