



## ULTIMATE HARSH-ENVIRONMENTS FIBER VHM5000 SERIES GRADED-INDEX MULTIMODE

### Applications

- DTS / DAS / DSS monitoring
- Any high temperature, hydrogen-rich environment applications

### Features

- Modified glass chemistry makes the glass core totally immune to hydrogen darkening
- High bandwidth graded-index design enables extremely short spatial resolution applications
- Glass composition optimized for 1064 nm operating wavelength
- Available with any standard or harsh environment coatings

### Fiber Properties

- 50/125 Graded-Index fiber
- NA: 0.20
- Attenuation @ 850 nm / 1300 nm:  $\leq 3.0$  dB/km / 1.2 dB/km
- Bandwidth @ 850 nm / 1300 nm:  $\geq 300$  MHz\*km

## PERFORMANCE

VHM5000 Induced loss at 1064 nm @200°C & 1500 psi of H<sub>2</sub>

