



**2358021**  
**PS-GDF-16/250-09FA Photosensitive Double Clad**  
**Optical Fiber**



| Parameters                          | Min  | Max  | Nom | Unit  | Compliance |
|-------------------------------------|------|------|-----|-------|------------|
| Cladding Attenuation at 1095 nm     | 0    | 15   |     | dB/km | Measured   |
| Core NA                             | 0.09 | 0.1  |     |       | Measured   |
| Cladding NA (5%)                    | 0.46 |      |     |       | Design     |
| Modeled Mode Field Diameter 2000 nm | 15   | 18   |     | um    | Calculated |
| Core Diameter                       | 15   | 17   |     | µm    | Measured   |
| Clad Diameter                       | 245  | 255  |     | µm    | Measured   |
| Core/Clad Offset                    | 0    | 1.5  |     | µm    | Measured   |
| Coating Diameter                    | 380  | 420  |     | µm    | Measured   |
| Proof test Level                    | 100  | 120  |     | kpsi  | Measured   |
| Operating Wavelength                | 1900 | 2100 |     | nm    | Design     |

**Comments**

Coating Requirements: Low-index polymer coating.

Photosensitivity Requirements: Photosensitive Core