



ULTRA SOLARIZATION-RESISTANT SILICA FIBER

VSR SERIES for Deep UV Transmission

Applications

- UV photolithography / semiconductor equipment
- Light transmission in high UV radiation environments
- Medical UV surgical laser delivery
- Spectroscopy

Features

- High transmission performance in deep UV spectrum
- Long-term performance in deep UV
- High-energy UV irradiation resistance
- Permanent solarization resistance

Fiber Properties

- Step-index profile
- Core: Pure silica glass (high OH)
- Polyimide coating allows fiber to perform in temperatures from cryogenic up to 300°C
- Available in clad sizes from 125 μm up to 600 μm

PERFORMANCE

Verrillon Ultra Solarization-Resistant Fiber vs. Standard Solarization-Resistant Fiber
Attenuation @ Different Deuterium Lamp Exposure Times

