This single-mode large mode area fiber combines a large effective mode field area (~265 µm²) and low loss to allow high power delivery without nonlinear effects or material damage.

The fiber is endlessly single-mode (i.e. it has no higher order mode cut-off) and delivers pristine mode quality at all wavelengths.

**Optical properties**
- Single mode cut-off wavelength*: None
- Attenuation @ 1064 nm: < 5 dB/km
- Attenuation @ 1550 nm: < 2 dB/km
- Mode field diameter @ 780 nm (1/e²): 20.6 ± 0.5 µm
- Mode field diameter @ 1064 nm (1/e²): 20.9 ± 0.5 µm
- NA @ 1064 nm (5%): 0.045 ± 0.02

**Physical properties**
- Core diameter: 25.1 ± 0.5 µm
- Outer cladding diameter, OD: 258 ± 5 µm
- Coating diameter: 410 ± 10 µm
- Core and cladding material: Pure silica
- Coating material, single layer: Acrylate
- Coating concentricity: < 10 µm
- Proof test level: 0.33 %

**Standard interfacing options**
- FC/PC connector: 0.0 ± 0.5 deg angle
- FC/APC connector: 8.0 ± 0.5 deg angle
- SMA 905: 0.0 or 5.0 ± 0.5 deg angle
- Collapse and cleave: 0.0 ± 0.5 deg angle

All interfaces are provided with a 150 ± 25 µm sealing length of the PCF structure.

Please contact us for other custom interfacing options.

* TIA-455-80-C standard