

**Impact Mount<sup>®</sup> Single-mode Laser Pigtails**

**Features**

- No epoxy / No chemicals
- No fiber metallization
- No soldering
- No hot spots
- Uniform heat dissipation
- Hermetic seal  
(10<sup>-8</sup> SCCS Helium leak rate)
- Economical



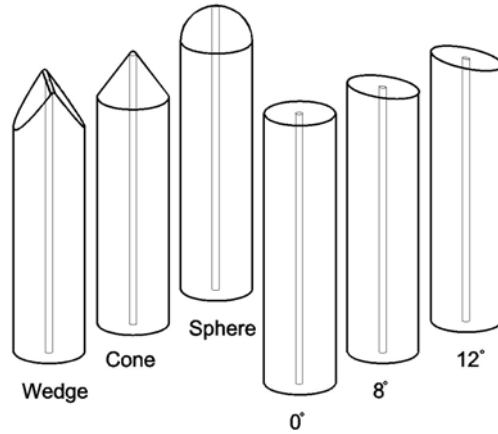
**Applications**

- High Power Lasers
- Active Instruments
- Test Instrumentation
- Interconnection
- Spectroscopy

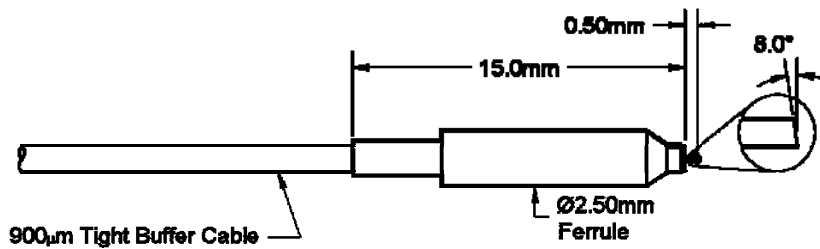
**Specifications**

Standard Fiber Type	SMF-28 (9/125μm)
PM Fiber	Available (Custom)
Fiber-Brag Grating	Available (Custom)
	Perpendicular ±1°
	8° ±1°
Fiber Endface	12° ±1°
	Wedge 45°-75° ±1° (Tip R ± 1μm)
	Cone 130-150° ±5° (Tip R ± 1μm)
	Sphere
	250μm
Cable	900μm
	3mm
	Arcap
	Kovar
Ferrule	1.0 X 6mm
	1.25 X 5mm
	1.5 X 7mm
	2.5 X 14.5mm
Storage Temp	-40°C - +75°C
Operating Temp	-40°C - +75°C
Max Power Handling	5 watts
Fiber Endface Geometry	Customer Specified
Back Reflection	<-50 dB
Cable Pull Resistance	1.0 Kg

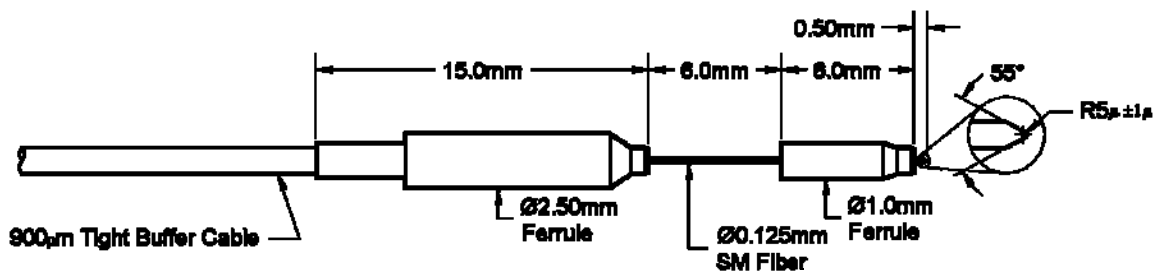
## Package Dimensions



Fiber Endface Geometry



1.5m Laser Pigtail: Typical Single Ferrule Configuration



1.5m Laser Pigtail: Typical Tandem Ferrule Configuration

## Ordering Information

Please contact our sales office for custom specifications and order information.

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