



Impact Mount™ Single mode Laser Pigtail



Features

- Epoxy-Free, No Organics
- No fiber metallization
- No soldering
- Hermetic Seal 10⁻⁸ SCCS Helium Gas Leak Rate
- Heat Dissipation in Fiber through Metal Ferrule
- Polarization insensitive

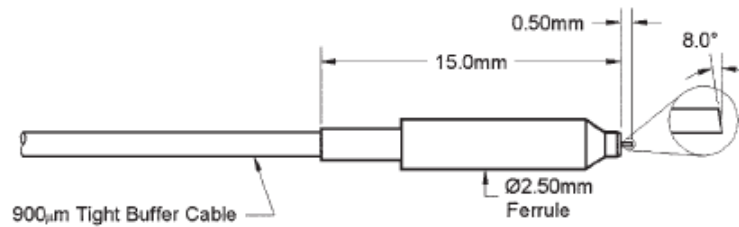
Applications

- High Power Devices
- Active Devices
- Test Instrumentation
- Interconnection Cables

Specifications

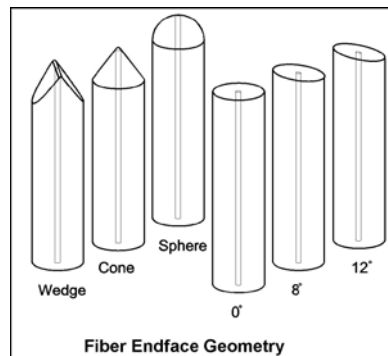
Standard Fiber Type	SMF-28 (9/125 μ m)
PM Fiber	Available (Custom)
Fiber-Brag Grating	Available (Custom)
Fiber Endface	Perpendicular $\pm 1^\circ$
	$8^\circ \pm 1^\circ$
	$12^\circ \pm 1^\circ$
	Wedge 45° - $75^\circ \pm 1^\circ$ (Tip R $\pm 1\mu$ m)
	Cone 130 - $150^\circ \pm 5^\circ$ (Tip R $\pm 1\mu$ m)
Cable	Sphere
	250 μ m
	900 μ m
Ferrule	3mm
	Arcap
	Kovar
	2.5 X 10.5mm
	2.5 X 12.5mm
Storage Temp	-40 $^\circ$ C - +75 $^\circ$ C
Operating Temp	-40 $^\circ$ C - +75 $^\circ$ C
Max Power Handling	15 watts
Fiber Endface Geometry	Customer Specified
Back Reflection	<-50 dB
Cable Pull Resistance	1.0 Kg

Package Dimensions



1.5m Laser Pigtail: Typical Single Ferrule Configuration

PART# 125-12010-01



Ordering Information

Standard Valde component part numbers are specified with appropriate part number options. If you require devices different than standard devices, please contact our office for ordering and pricing information.

Sales & Technical Information

Please contact our office at:

Tel: +86-21-58151515

Fax: +86-21-58153289

E-mail: info@valde.com.cn

www.valde.com.cn