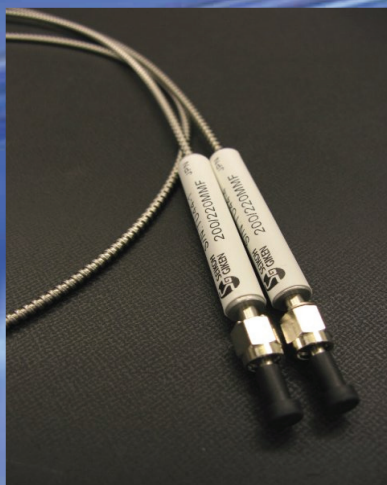




# SEIKOH GIKEN



## *High Power Connector*

### **High Heat Dissipation (Solder Bounded Body)**

Seikoh Giken's High Power Connector was developed specifically for fiber laser applications where high performance interconnects are critical to system integrity.

Our compact High Power connector was designed to offer excellent heat dissipation while applying long established technology utilized in optical communications components.

The connector end face is assembled using a proprietary technique which provides high peak power at the installed end cap.

Metalization of the fiber or end cap, coupled with a solder bounded body provides a interconnect structure enabling efficient heat dissipation.

Further protection from high power heat accomplished by using mid-air mechanism of fiber / end cap and eliminating epoxy adhesive.

Seikoh Giken's High Power connector is available in various type of specialty fiber. Flexible factory support is available.

## ■ Application Example

- Fiber laser
- Fiber-coupled High Power Laser Diodes
- Solid-State Laser
- Laser Marker



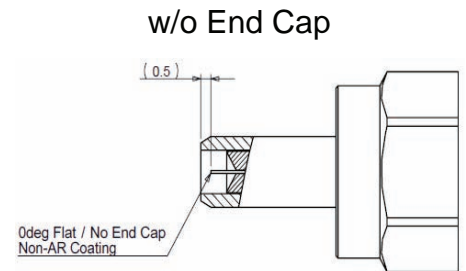
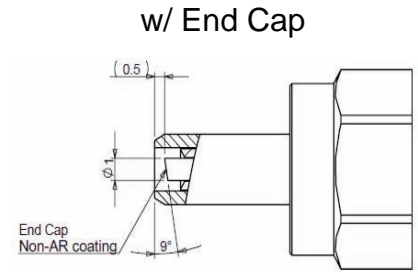
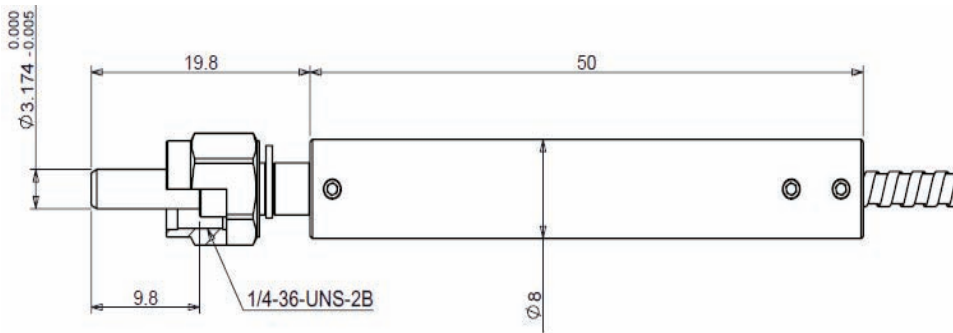
w/o Flexible metal jacket



w/ Flexible metal jacket

## ■ Externals Specification

Connector Type: SMA



## ■ Option

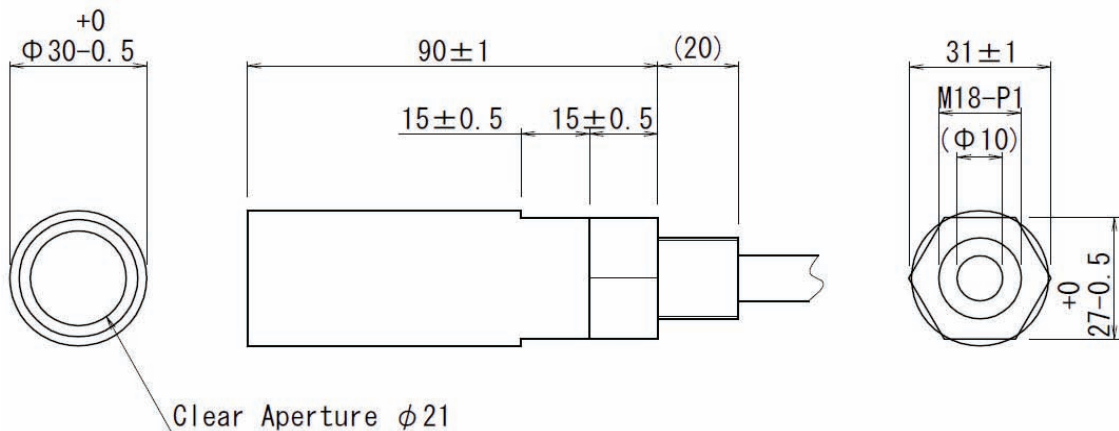
Available Fiber	SMF, MMF, LMF, PMF, Yb-Dope DCF Etc.
End Cap *	0 or 9 degrees polishing
AR Coat *	1064nm R : <= 0.3%
Collimator *	Beam Diameter $\phi 0.5\text{mm} \sim \phi 10\text{mm}$

\* Depends on the fiber.



Collimator Image

Collimator



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