

Optical Fiber Collimator Housing FCH NEW RoHS Catalog Code W7154

Housing for Optical Fiber Collimator. Using this housing with collimator lens (FCL), the output beam from FC connector fiber is collimated.

- Available for collimator lens with short to middle focus length
- Including focus adjustment mount for collimator lens
- Total four types: for PC polished and APC polished, small aperture and middle aperture



Guide

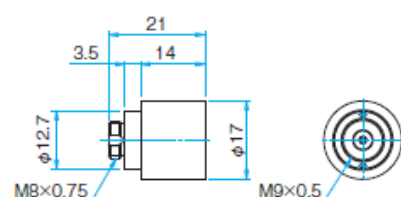
- ▶ Optical Fiber Collimator Holder is available. It can hold the housing and adjust the beam angle.
Exclusive holder for FC-12.7(PC/APC) is FHG-12.7
FC-25.4(PC/APC) can be mounted on mirror holders with diameter 25.4mm.
- ▶ Adjustment wrench (FCS) is available. It enable adjusting the position of collimator lens with observing the output beam.

Attention

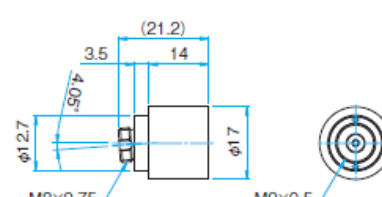
- ▶ Optical Fiber Collimator Housing doesn't include collimator lens. Please use with collimator lens (FCL)
- ▶ When FC-12.7(PC/APC) is mounted on Kinematic Mirror Holder (MHG-MP12.7-NL), there are cases where the connector cannot be mounted/dismounted.

Outline Drawing

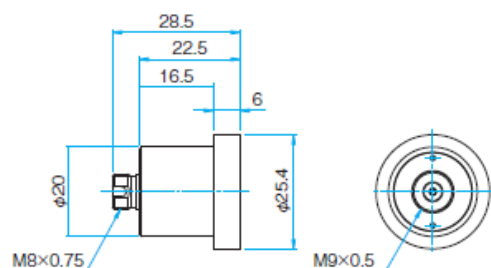
FC-12.7PC



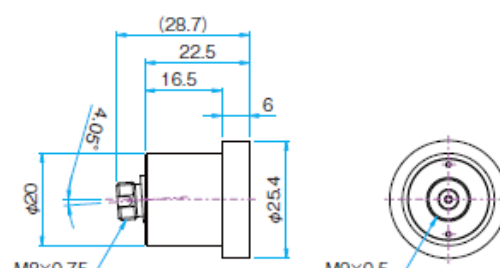
FC-12.7APC



FC-25.4PC



FC-25.4APC



Specifications

Primary Material: Stainless steel
Finish: None

Part Number	Compatible Fiber End	Outer Mount Diameter [mm]	Mounting Screw for Collimator Lens [mm]	Compatible Collimator Lens [mm]	Collimate Adjustable Range [mm]	Collimate Adjustable Resolution [mm / rotation]	Weight [kg]
FC-12.7PC	FC/PC	φ12.7	M9×0.5	<φ9.2	3 ~ 11	0.5	0.016
FC-12.7APC	FC/APC	φ12.7	M9×0.5	<φ9.2	3 ~ 11	0.5	0.016
FC-25.4PC	FC/PC	φ25.4	M9×0.5	<φ12.5	3 ~ 18	0.5	0.028
FC-25.4APC	FC/APC	φ25.4	M9×0.5	<φ12.5	3 ~ 18	0.5	0.028



Tokyo Head Office
5F, SIGMA KOKI Tokyo Head office 1-19-9,
Midori, Sumida-ku, Tokyo, 130-0021, JAPAN
TEL. +81-3-5638-8228
FAX. +81-3-5638-6550
E-mail international@sigma-koki.com

Osaka Branch
4-9-28 Nishi-Nakajima,
Yodogawa-ku, Osaka 532-0011
TEL. +81-6-6307-4835
FAX. +81-6-6307-4834
E-mail sales.osaka@sigma-koki.com

Kyushu Sales Office
3-17 Hie-machi, Hakata-ku, Fukuoka 812-0014
TEL. +81-92-481-4300
FAX. +81-92-481-4310
E-mail sales.kyushu@sigma-koki.com