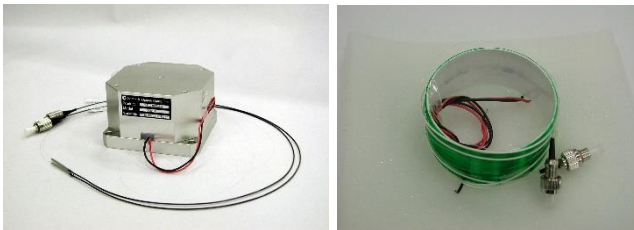


High Speed Fiber Stretcher ZF-5001



■ Specifications

Item	Specifications
Optical Fiber	1.55 μ m Single mode or Dispersion shift
Resonance Frequency	App. 15kHz
Modulation Index @1.55 μ m	App. 50rad/V@1kHz App. 1000rad/V@fresonant
Delay@1.55 μ m	App. 12 μ m/V@1kHz App. 240 μ m/V@fresonant
PZT Capacitance	240nF (Typ.)
PZT maximum voltage (DC level)	0V ~ +400V
Connector Optical In/Out Modulation In	FC/UPC BNC (ZF-5001)
Dimension	170W x 120D x 70H mm (ZF-5001) 76W x 76D x 47H mm (ZF-5001-B) 28H x ϕ 60 mm (ZF-5001-C)
Weight	App. 1.2 kg (ZF-5001) App. 600g (ZF-5001-B) App. 150g (ZF-5001-C)



Mounting kit/ZF-5001-B

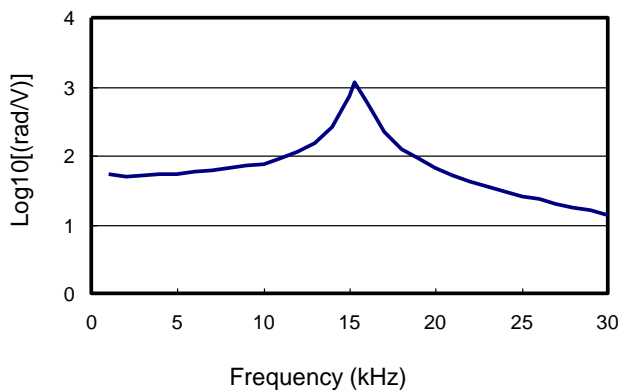
Mounting kit (bare lead)/
ZF-5001-C

High speed fiber stretcher/ZF-5001 is a fiber delayline using piezo-electric effect which realizes high modulation index and high quality factor. This device is independent of fiber specifications and suitable for various fiber sensing applications.

Mounting kit is also available.

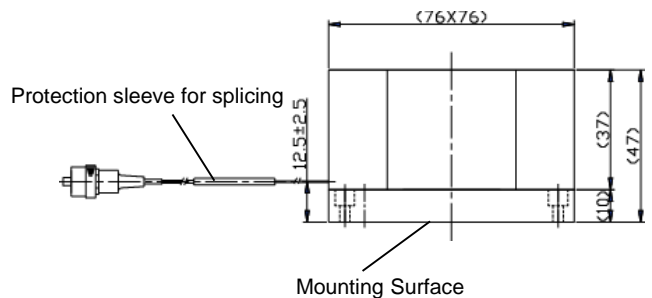
■ Frequency Characteristics (example)

Modulation Index : App. 1000rad/V@fresonant



■ Dimension / ZF-5001-B

(unit:mm)



Ver.2.10

This brochure is subject to change without notice.

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