Gooch & Housego



A general purpose, polarisation insensitive, 40MHz frequency shifter or modulator, suitable for use over the range 633 – 680nm.

In addition to the specifications indicated, we also offer alternative wavelengths, frequency shift, active aperture and custom housing configurations.

Our team of engineers and scientists are ready to discuss your requirements and help you find the optimum solution for your individual application.

AO Frequency Shifter / Modulator

I-FS110-2C2B8-3-GH2

Former model number: M110-2B/F-GH2

Key Features: 480 – 800nm Polarisation insensitive 2mm active aperture 110MHz Custom configurations available

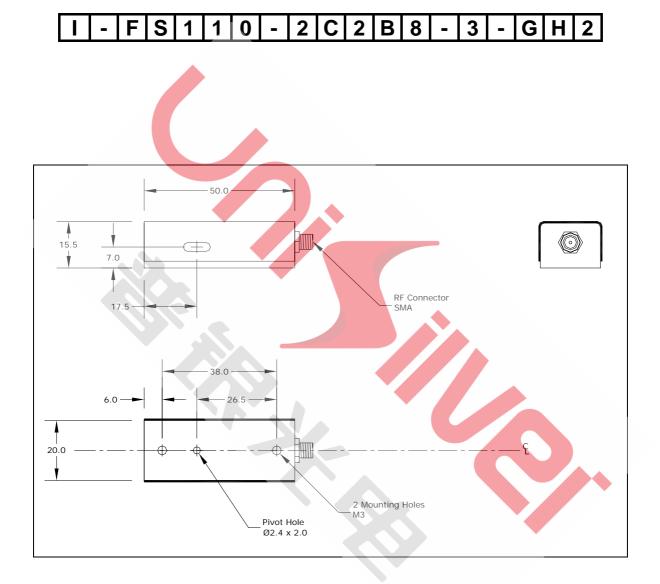
General Specifications

Interaction material: Acoustic mode: Wavelength: AR coating reflectivity: Transmission: Frequency shift: VSWR: Active aperture: Input polarisation: Diffraction efficiency: Rise-time: RF power: VSWR: Tellurium Dioxide (TeO₂) Compressional 480 - 800nm ≤ 0.5% per surface > 95% 110MHz < 1.2:1 2mm Any > 85% 155ns/mm < 2W (wavelength dependent) < 1.2:1



Ordering Code

Explanation: I-FS110-2C2B8-3-GH2 (Frequency shifter, 110MHz, 2.0mm active aperture, compressional mode, tellurium dioxide, 480 - 800nm, SMA female bulk head RF connector, GH2 housing.



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