



# VISIBLE RANGE FIBER-Q™

## FIBER COUPLED ACOUSTO-OPTIC MODULATOR

**NEW TO THE FIBER-Q™ RANGE**

The Gooch & Housego visible wavelength range Fiber-Qs™ are designed for biomedical and optical sensing applications. These Fiber-Qs™ are based on a TeO<sub>2</sub> crystal and combine high quality optical components with high reliability fiber coupling technologies to provide superior efficiency and consistent performance.



### Key Features

- High efficiency
- Compact package, sealed to IP54 (dust/splash proof, non-hermetic)
- Stable performance
- Solution covers 0.4-0.8 μm optical input
- Custom configurations are available on request

### General Specifications

Parameter	Unit	Rating
Optical wavelength	nm	Centred 450, 532, 633&780
Insertion loss	dB	< 2.5
Rise/fall time (10%-90%)	ns	≤ 25
Extinction ratio	dB	> 50
Return loss	dB	< 40
Polarization extinction ratio	dB	> 18
Optical power handling	W	0.1

For further information

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