



Gooch & Housego

DEVICE SPECIFICATIONS

MODEL NUMBER:

35210-BR

DOCUMENT NUMBER: 56A15506B

| <u>PARAMETER</u> | <u>SPECIFICATION</u> |
|---|---|
| Interactive Material | Fused Silica |
| Acoustic Mode | Longitudinal |
| Operating Wavelength | 300 to 700 nm |
| Window Configuration | Brewster |
| Static Transmission | $\geq 98\%$ @ 488 nm |
| Operating Frequency | 210 MHz |
| Diffraction Efficiency | $\geq 70\%$ @ 488 nm with linear polarization perpendicular to acoustic propagation |
| Acoustic Aperture Size (in air) | 0.13 mm |
| Rise Time | ≤ 15 ns |
| Optical Waist Size to achieve Rise Time | 0.1 mm |
| Deflection Angle | 17 mrad @ 488 nm |
| RF Power Level | ≤ 6 Watts |
| Impedance | 50 Ohms nominal |
| VSWR | $\leq 1.5:1$ |
| Package: | 53B3408 |

For More Information, Contact: sales@goochandhousego.com www.goochandhousego.com

As part of our policy of continuous product improvement we reserve the right to change specifications at any time.