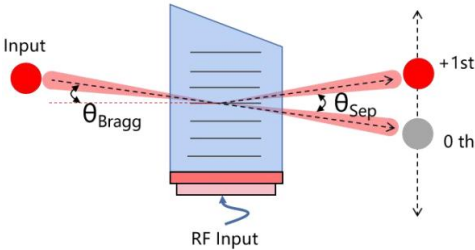


A0FS Specifications
声光移频器产品规格书
FS1009-TS110-015-1064



1. SPECIFICATIONS (规格)

Interaction material (介质材料)	Tellurium dioxide (二氧化碲)
Acoustic mode (声波模式)	Longitudinal (纵波)
Operating wavelength (工作波长)	1030-1064nm
Polarization(光偏振)	Linear, perpendicular to base (线偏振, 垂直于基座)
Transmission (透过率)	> 98%
Active aperture (有效孔径)	1.5*2.5mm
Center frequency (Fc) (中心频率)	110MHz
Separation angle (分离角) @Fc	27.86mrad
Frequency shift bandwidth(FB) (移频带宽)	±5MHz
Frequency drift / °C (频漂)	< ±0.1ppm/°C
Diffraction efficiency (衍射效率)	> 80%
RF power (射频功率)	<3W
Input Impedance (输入阻抗)	50Ω Nominal
VSWR (驻波比) @Fc	< 1.3:1
RF connector (射频接头)	SMA-M
Cooling (散热方式)	Conduction-cooled (传导冷却)
Shell material (外壳材料)	Aluminum alloy (铝合金)

*器件工作时产生的环形光斑属于声光原理决定的正常现象。

