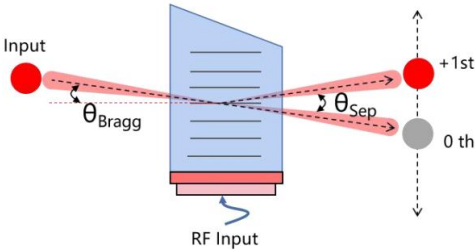


AODF Specifications
声光偏转器产品规格书
2DF1014-TS100_015-080-850



1. SPECIFICATIONS (规格)

Interaction material (介质材料)	Tellurium dioxide (二氧化碲)
Acoustic mode (声波模式)	Shear (切变波)
Operating wavelength (工作波长)	850nm
Polarization (光偏振)	Linear
Transmission (透过率)	> 99%
Active aperture (有效孔径)	8mm
Center frequency (Fc) (中心频率)	100MHz
RF bandwidth (RB) (射频带宽)	15MHz
Diffraction efficiency (衍射效率) @RB	> 70%
RF power (射频功率)	3W (max)
Input Impedance (输入阻抗)	50Ω Nominal
VSWR (驻波比) @Fc	< 2.1:1
Resolution (分辨率) @N	20
RF connector (射频接头)	SMA-F
Cooling (散热方式)	Conduction- cooled (传导冷却)
Shell material (外壳材料)	Aluminum alloy (铝合金)

2. PERFORMANCE vs. WAVELENGTH (性能 vs. 波长)

Wavelength (光波长)	515 nm
Braggangle (布拉格角) @Fc	32.29 mrad
Separation angle (分离角) @Fc	64.58 mrad
Scan angle (扫描角度) @RB	24.2 mrad

