

1. Specifications

Product Model:	OE-AOM-A4-355-600-QL170	
Parameter	Unit	Value
Crystal Material	-	Crystal quartz
Acoustic mode	-	Longitudinal
Operating wavelength	nm	355
Bragg angle	mrاد	5.3
Separation angle	mrاد	10.5
Polarization	-	Linear, vertical to base
Transmission	%	> 99
Active aperture	mm	6.0
Center frequency (Fc)	MHz	170
Diffraction efficiency	%	> 85
Max RF power	W	20
Nominal input impedance	Ω	50
VSWR @ Fc	ratio	< 1.2:1
RF connector	-	BNC-F
Water flow rate	L/min	> 1.4
Cooling method	-	Water-cooling
Shell material	-	Aluminium alloy
Water cooling channel material	-	Stainless steel

2. Beam diameter corresponding performance

Parameter	Unit	Beam diameter 1 mm	Beam diameter 3 mm
Rise time	ns	11	33
Diffraction efficiency @ Fc	%	85	85

Note: The table above is based on the data provided; additional beam diameters may be available upon request.

3. Device Dimensions

