

## Diffraction Beam Splitter

Item Number: AX-5p86mrad-10p6-25p4-p76deg

### Input parameters

Wavelength:	10.6 $\mu\text{m}$
Diameter of input spot:	> 25.4 mm
Laser mode:	Single-mode or Multi-mode
Collimation required or not:	Optional

### Element Parameters

Transmissive or reflective:	Transmissive
Material:	GaAs
Dimension:	$\Phi 25.4$ mm
Base angle (Axicon angle)	0.34 DEG (5.86 mrad)
Apex angle (Cone angle)	179.3 DEG (3.13 rad)

### Output parameters

Half fan angle	0.7639 DEG
Ring angle (P2P)	1.5278 DEG

### Focusing lens required or not

Focusing lens required or not:	Optional
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