??
1×
1
100
0.02 ~
0.05

??

$_I ntroduction/bimodalSketch/out.pdf Bimodal probe cross section showing main components and optical paths.$

??
4f
??

$_{D}esign Simulation/fps.pdf Fourier Plane Scanner$

$$h_{max} = f_{obj} \cdot \tan \theta_{max}$$

(1)

$$_{beam} =$$
$$2 \cdot$$
$$f_{GRIN} \cdot$$
$$NA_{fiber}$$
$$d_{beam} =$$
$$2 \cdot$$
$$f_{obj} \cdot$$
$$NA_{OCT}$$

$$\Rightarrow f_{GRIN} \cdot NA_{fiber} = f_{obj} \cdot NA_{OCT}$$

(2)