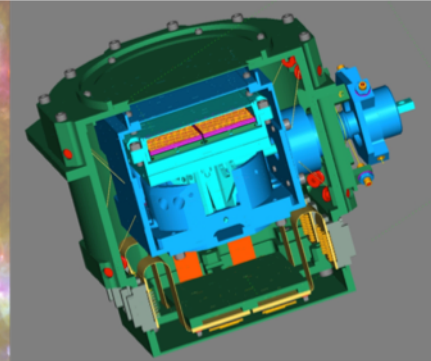


SPICA / SAFARI_Pol Fact Sheet

A polarimetric camera with
3 simultaneous bands 100, 200 & 350 μm
on the same FOV : 2,6' x 2,6' @ 0,6 f# λ sampling



	100 μm	200 μm	350 μm
Band edges	75—125 μm	150—250 μm	280—420 μm
# of pixels	32 x 32 (x 2)	16 x 16 (x 2)	8 x 8 (x 2)
Pixel size	5" x 5"	10" x 10"	20" x 20"
Band centre beam FWHM	9"	18"	32"
PS sensitivity 5 σ /1h/FOV (unpolarised)	21 μJy	42 μJy	85 μJy
PS sensitivity in Stokes (Q,U) 5 σ /1h/FOV (polarised)	30 μJy	60 μJy	120 μJy
PS sensitivity 5 σ /10h/1deg ² (unpolarised)	0.16 mJy	0.32 mJy	0.65 mJy
PS sensitivity in Stokes (Q,U) 5 σ /10h/1deg ² (polarised)	0.23 mJy	0.46 mJy	0.92 mJy
Surface brightness sensitivity 5 σ /10h/1deg ² (unpolarised)	0.09 MJy/sr	0.045 MJy/sr	0.025 MJy/sr
Sensitivity to map Stokes parameters (Q,U) at 5% level 5 σ /10h/1deg ²	2.5 MJy/sr	1.25 MJy/sr	0.7 MJy/sr

