

BFIs - Broadband Filter Imagers

The Broadband Filter Imagers (BFIs) collect filtergrams of the AO-corrected field using a high-speed 2048x2048 CCD. Filtergrams are typically taken in short bursts of 100 files every 15 to 30 seconds. Images are then post-facto speckle reconstructed to achieve diffraction-limited images (0.06 arcsec in G-band, 0.09 arcsec at TiO).

Species	Wavelength	Bandpass	Field of view	Image scale	Cadence
G-band	430.5 nm	5 Å	55" by 55"	0.027"/pix	15 sec
TiO	705.7 nm	10 Å	70"	0.034"/pix	15 sec