Observable name	ucd for the observable (ucd1+)	description	unit
counts	phot.count	nb of photons counts	unitless
scaled counts	phot.count	recorded counts scaled using a normalisation function	unitless
ADU	phot.ADU	nb of recorded units on the detector	unitless
Flux/Luminosity			
flux	phot.flux	Photon flux	W/m2
flux density	phot.flux.density	Flux density :energy/time/area/freq interval	Jy
surface brightness	phot.flux.density.sb	Flux surface brightness	Jy/arcs2 or Jy/str
surface brightness or specific intensity	phot.flux.density.sb	Flux density per beam : energy/time/area/freq interval per solid angle	Jy/beam
surface brightness or integrated intensity	phot.flux..sb	radio continuum intensity/integrated in a pass band	Jy
flux magnitude	phot.mag	Photometric magnitude	mag
magnitude surface brightness	phot.mag.sb	Surface brightness in magnitude units	mag/arcs2
optical density	phys.density	optical density through glass plates	unitless
line ratio	phot.flux.density;arith.ratio	for line ratio maps	unitless
equivalent width	spect.line.eqWidth	for line intensities relative to continuum	nm, MHz
antenna temperature	phot.antennaTemp	Radio heterodyne obs. : Ta*, antenna Temperature	K
integrated intensity	???	radio heterodyne observations	K.km/s
flux	phot.flux	integrated flux per wl or velocity interval for lines on radio observations	Jy.km/s
Polarization (Flux)			
Stokes parameters I	phot.flux.density;phys.polarization.stokes.I		$Jy.arcsec^{-2}$, $J\ beam^{-1}$
Stokes parameters Q	phot.flux.density;phys.polarization.stokes.Q		
Stokes parameters U	phot.flux.density;phys.polarization.stokes.U		
Stokes parameters V	phot.flux.density;phys.polarization.stokes.V		
circular parameters RR	phot.flux.density;phys.polarization.circular.RR		
circular parameters LL	phot.flux.density;phys.polarization.circular.LL		
other params: XX YY XY YX			
Polarization Intensity	phot.flux.density;phys.polarization.linear.POLI		
Polarisation angle	phot.flux.density;phys.polarization.linear.POLA		

Velocity			
spectral index	spect.index	Spectral index	unitless
line width	spect.line.width	Spectral line fwhm	nm
radial velocity	spect.dopplerVeloc	Radial velocity, derived from the shift of some spectral feature	km/s
velocity dispersion	phys.veloc.dispersion	Velocity dispersion from spectral line width	km/s