

HELPFUL ANGULAR UNIT CONVERSIONS

RADIAN	DEGREES (°)	ARC MINUTES (')	ARC SECONDS (")
1.00E-6	57.30E-6	3.44E-3	206.26E-3
200E-6	114.59E-6	6.88E-3	412.53E-3
4.8E-6	277.78E-6	16.67E-3	1.00
17.45E-6	1.00E-3	60.00E-3	3.60
20.00E-6	1.15E-3	68.75E-3	4.13
50.00E-6	2.86E-3	171.89E-3	10.31
87.27E-6	5.00E-3	300.00E-3	18.00
174.53E-6	10.00E-3	600.00E-3	36.00
290.89E-6	16.67E-3	1.00	60.00
800.00E-6	45.84E-3	2.75	165.01
1.00E-3	57.30E-3	3.44	206.26
1.20E-3	68.75E-3	4.13	247.52
1.50E-3	85.94E-3	5.16	309.40
1.75E-3	100.00E-3	6.00	360.00
2.00E-3	114.59E-3	6.88	412.53
8.00E-3	458.37E-3	27.50	1650.12
17.45E-3	1.00	60.00	3600.00
1.00	57.30	3437.75	206264.81
2π	360.00	21600.00	1296000.00

CONVERSIONS:

$$2\pi \text{ rad} = 360^\circ$$

$$1 \text{ rad} = 180^\circ/\pi$$

$$1 \text{ arcmin} = 1/60^\circ$$

$$1 \text{ arcsec} = 1/60 \text{ arcmin}$$