

Table 13.1 Normalized parameters for two-mirror Cassegrain telescopes

Parameter	Definition
$k = y_2/y_1$	Ratio of ray heights at mirror margins
$\rho = R_2/R_1$	Ratio of mirror radii of curvature
$m = -s'_2/s_2$	Transverse magnification of secondary
$f_1\beta$	Back focal distance
$F_1 = f_1/D$	Primary mirror focal ratio
$W = (1 - k)f_1$	Distance from secondary to primary mirror
$F = f/D$	System focal ratio, where f is the telescope focal length