

Telescopes Basics

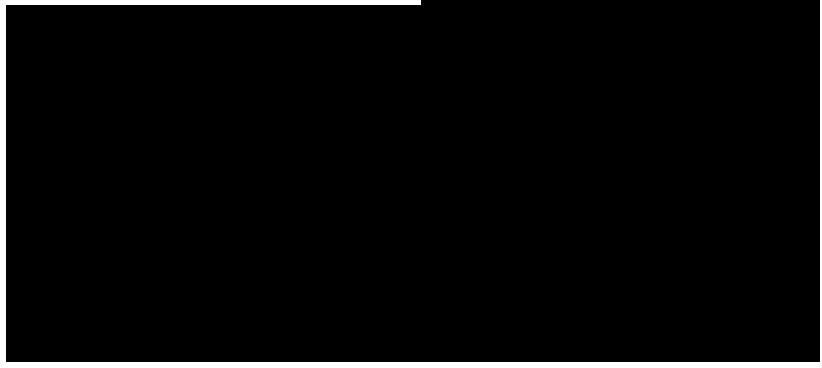
Introduction

Astronomy is a fascinating lifetime hobby enjoyed by young children to centenarians, by people from all walks of life and with varied interests.

types- (1) planetary nebulae which are

This is the telescope's theoretical ability to coll

is 14.0. ($7.5 + 5 \text{ LOG } 20.32 = 7.5 + (5 \times 1.3) = 14.0$). Atmospheric conditions and the visual acuity of the observer will often reduce limiting magnitude. Photographic limiting magnitude is approximately tw



Newtonian Reflector

Newtonians (also known as catoptrics) usually use a concave parabolic primary mirror to collect and focus incoming light onto a flat secondary (diagonal) mirror that in turn reflects the image out

Maksutov-Cassegrain