



Clifton Cameras Product Specification

GPO Passion ED 10x42 Binoculars

Specifications

Prism type	.	Schmidt-Pechan
Magnification	.	8x
Field of view (FOV) at 1.000y	.	428
Field of view (FOV) at 1.000m	.	143
Objective diameter (mm)	Effective diameter	42
Ocular diameter (mm)	Effective diameter	23,7
Exit pupil diameter (mm)	Measurement of the pupillary ocular beam	5,25
Eye Relief (inches)	From the last optical surface	0,7
Eye Relief (mm)	From the last optical surface	18
Housing	Main body and hinge	magnesium
Close focus (feet)	Shortest focal distance	5,9
Close focus (meters)	Shortest focal distance	1,8
Inter pupillary distance (IPD)	Center pupil to center pupil measurement	56 – 75
Dioptric compensation range	.	-2,5/+2,5
Waterproof	Mbars /cm	100
Transmission Daylight	ISO 14490-5:2005	90%
Height (inches)	Without covers	2,26
Height (mm)	Without covers	55
Weight (ounces)	Without covers	26,1
Weight (grams)	Without covers	740
Lentgh (inches)	At outside diameter	5,4
Lentgh (mm)	At outside diameter	138
Width (inches)	Fully extended	5
Width (mm)	Fully extended	127