



**MEADE®**

## LightBridge Truss Tube Dobsonian



**10", 12" and 16" Apertures**

It's not just a big telescope. It's a big telescope that goes anywhere. New LightBridge truss-Dobs from Meade take down and set up quickly. So you can take one of these massive windows on the universe out to your favorite dark sky locations with ease. LightBridge Dobs give you high quality Meade optics, premium components, and ultra portability — all for about the same price as an ordinary tube Dob. So get a LightBridge truss-Dob. And prepare to cross the universe.



Metal Optical Tube w/ 2" Crayford-style focuser

Metal Optical Tube w/Primary Mirror Cell

Solid Base

### FEATURES

#### • Diffraction Limited Optics

Meade optics consistently outperform telescopes of similar and larger aperture. Consumers know that "Meade Optics Inside" means that what they see through our telescopes will be views that are detailed, crisp and full of contrast.

#### • 2" Crayford-Style Machined Aluminum Focuser With 1.25" Adapter

Smooth precise focusing is achieved with this classic design. A unique focus tension knob and focus lock design gives complete control over focus.

#### • Built-In Primary Mirror Cooling Fan

Bring the telescope into thermal equilibrium quickly and efficiently with the battery powered cooling fan. The fan is mounted to the rear of the "vented" primary mirror cell for fast cool down.

## SPECIFICATIONS

Part Number	1005-05-02	1205-05-02	1645-05-02
Model	10" Deluxe	12" Deluxe	16" Deluxe
Clear Aperture	10" (254mm)	12" (304.8mm)	16" (406.4mm)
Optical Design	Newtonian Reflector	Newtonian Reflector	Newtonian Reflector
Focal Length, Focal Ratio	1270mm f/5	1524mm f/5	1829mm f/4.5
Primary, Secondary Mirrors	Aluminum coated with magnesium fluoride over coat. Mounted in adjustable mirror cell. Secondary mirror aluminum coated with magnesium fluoride over coat.		
Maximum Practical Visual Power	500X	600X	800X
Eyepiece	26mm QX Wide Angle	26mm QX Wide Angle	26mm QX Wide Angle
Optical Tube Assembly (OTA)	Metal open Truss Design	Metal open Truss Design	Metal open Truss Design
Focuser	2" Crayford-style focuser with 1.25" adapter	2" Crayford-style focuser with 1.25" adapter	2" Crayford-style focuser with 1.25" adapter
Cooling Fan	Battery Powered Fan	Battery Powered Fan	Battery Powered Fan
Red Dot Viewfinder	Deluxe 4-Reticle	Deluxe 4-Reticle	Deluxe 4-Reticle
AutoStar Suite Astronomical Software	Included	Included	Included
UPC	7 09942 50303 6	7 09942 50305 0	7 09942 50306 7
OTA Master Carton (Size / Weight)	30.5" x 18.25" x 17.5" / 44.1 lbs	36.5" x 19.8" x 20.75" / 27 lbs	41.5 x 24.96" x 25.67" / 77 lbs
Base Master Carton (Size / Weight)	25.5" x 25.5" x 5.25" / 35.3 lbs	29.13" x 28.74" x 5.31" / 37.4 lbs	36.6" x 36.6" x 25.67" / 59.4 lbs



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