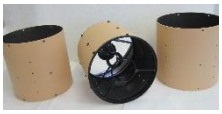
Composite Mirror Applications Inc.™

Lightweight Carbon Composite Telescopes and Replicated Optics


0.33m Optical Telescope




0.6m Optical Telescope


1m Optical Telescope


10-Mirror Segmented Mirror System


1.4m Telescope Structure


6m Telescope Platform Structure

Collaboration: We seek a Partner offering Systems Engineering Support

Type of Research: Demonstration of low cost meter-class telescopes in a long-baseline optical interferometer.

Since 1991, CMA has focused on developing Low-Cost, lightweight Carbon composite optical telescopes and optics in meter-class.

- Develop segmented spherical 3.5m^2 mirror systems with areal an density of 4.5 kg/m^2, produced a 10-mirror spherical array for particle physics.
- Produce 0.2m to 1.5m telescopes and optics from low-cost replication techniques.
- 1.5m CFRP OTA mass of ≤ 250lbs with optics
- Productions scenarios support 1 mirror/month at 1.5m-class.

Robert C. Romeo
President
Composite Mirror Applications, Inc.
1638 S. Research Loop
Tucson AZ
RobertRomeo@compositemirrors.com
Office: 520-722-9302 Ext 106
Cell: 520-907-1044
www.compositemirrors.com