

## RCOS Carbon Tube 16 inch Ritchey-Chrétien Telescopes...



Shown here on a Paramount ME German Equatorial Mount (not included).

RCOS 16" f/8.4 Carbon Tube Telescope, Computer Polished ULE Optics...	RCOS 16" f/9 Carbon Tube Telescope, ION Milled Astro-Sitall Optics...
<p><b>Optical Features:</b></p> <ul style="list-style-type: none"> <li>- Zero Expansion Astro-Sitall, ULE Type, or Zerodur RC Optics, Tested and Certified to at least 1/20th Wave RMS.</li> <li>- Supporting Fringe Analysis and Interferometric Data included.</li> <li>- Enhanced Aluminum (SiO<sub>2</sub>/TiO<sub>2</sub>) Overcoat - 96.9% Reflectivity.</li> </ul> <p><b>Mechanical Features:</b></p> <ul style="list-style-type: none"> <li>- Designed, Engineered and Modeled in SolidWorks 2009.</li> <li>- RCOS Proprietary Center Mounted, Self Balancing Primary Mirror Cell.</li> <li>- Low expansion, light weight Carbon Fiber Tube for superior performance and stability.</li> <li>- 6061 Aluminum components - All CNC Machined.</li> <li>- Precision Secondary Mirror Focuser.</li> <li>- Multi-Stage Primary Mirror Baffle with internal knife-edge light stops.</li> <li>- Conical Secondary Light Baffle.</li> <li>- 6061 Aluminum Mounting Rings - CNC Machined.</li> <li>- Active Cooling.</li> <li>- RCOS "Focus and Forget" Technology.</li> <li>- Shipped fully Assembled, Collimated and Ready to Use.</li> <li>- RCOS CNC Machined "light weight" Dovetail Plates (Losmandy compatible) - top and bottom with matching Paramount VersaPlate hole pattern, allows dovetail mounting plate to be bolted to VersaPlate once scope is</li> </ul>	<p><b>Optical Features:</b></p> <ul style="list-style-type: none"> <li>- Zero Expansion, Astro-Sitall, ULE Type, or Zerodur RC Optics, Tested and Certified to at Least 1/40th Wave RMS.</li> <li>- Supporting Fringe Analysis and Interferometric Data included.</li> <li>- Enhanced Aluminum (SiO<sub>2</sub>/TiO<sub>2</sub>) Overcoat - 96.9% Reflectivity.</li> </ul> <p><b>Mechanical Features:</b></p> <ul style="list-style-type: none"> <li>- Designed, Engineered and Modeled in SolidWorks 2009.</li> <li>- RCOS Proprietary 18-Point Primary Mirror Flotation Cell.</li> <li>- Low expansion, light weight Carbon Fiber Tube for superior performance and stability.</li> <li>- 6061 Aluminum components - All CNC Machined.</li> <li>- Precision Secondary Mirror Focuser.</li> <li>- Multi-Stage Primary Mirror Baffle with internal knife-edge light stops.</li> <li>- Conical Secondary Light Baffle.</li> <li>- 6061 Aluminum Mounting Rings - CNC Machined.</li> <li>- Active Cooling.</li> <li>- RCOS "Focus and Forget" Technology.</li> <li>- Shipped fully Assembled, Collimated and Ready to Use.</li> <li>- RCOS CNC Machined "light weight" Dovetail Plates</li> </ul>

balanced.

- CNC machined Composite Dust Cover over primary mirror.

Complete and fully assembled OTA Price: Call

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