

P27/2

| Sr. No. | Description/Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Qty |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1       | <p>Ti:sapphire amplifier crystal: (Plano/Plano-Ends Coated);<br/> Diameter: 10mm; Length: 15 mm; LPSP @532nm~92%;<br/> -----<br/> Grade: HEM grown with highly uniform crystalline structure;<br/> Polish Type: Low Damage Super Polished faces, (Ra &lt; 2 Å RMS);<br/> Orientation: 90°; Orientation: (1120) A-axis, ± 1°; Diameter<br/> Tolerance:±0.1 mm; Flatness: L/10 flatness @632nm;<br/> Outside Diameter Surface: Fine Ground; TWE: L/4 P-V @632nm to<br/> minimize spatial variation and maximize beam quality;<br/> -----<br/> Coating on both ends: AR (532nm &amp; 740-840nm-broadband, AOI: 0<br/> deg.);<br/> Damage Threshold: &gt;10 J/cm<sup>2</sup> @ 532-nm, 10 ns;<br/> -----<br/> Make: M/s GT Advance Technolgy, <a href="http://www.gtat.com">http://www.gtat.com</a>; NO<br/> ALTERNATE;</p> | 3   |
| 2       | <p>Ti:sapphire amplifier crystal: (Plano/Plano-Ends Coated);<br/> Diameter: 20mm; Length: 20 mm; LPSP @532nm~92%;<br/> Other specs, same as item#1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3   |
| 3       | <p>Ti:sapphire amplifier crystal: (Plano/Plano-Ends Coated);<br/> Diameter: 30mm; Length: 20 mm; LPSP @532nm~92%;<br/> Other specs: same as item: 1;</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2   |

"M/s GT Advance Technolgy, <http://www.gtat.com>"

\*NOTE: OWING TO DESIGN ISSUES NO ALTERNATE WILL BE ACCPETED