

<b>Tender Reference Number</b>	<b>IITK/PHY/2024-2025/19</b>
<b>Tender Title</b>	<i>Purchase of waveguide SHG and Grating chips</i>

**Technical Specifications:**

**PPMCLN 5 mol% Bulk Multiple GRATING**

**Dimension: 10 L x 7.9 W x 0.5T mm<sup>3</sup>.**

**SHG: 5.17/5.2/5.23/5.26/5.29/5.32 (micron)**

**Optically flat polished at both ends**

**Anti Reflective coating at 485-590(R < 0.5 %)/ 970-1180(R < 0.5%) nm on S1 & S2**

**Width: 0.7+1\*6+ 0.1\*5+0.7 (mm)**

**PMT-120°C @5.32 micron for 986 nm SHG 493 nm.**

**Unit # : 2 (Two)**