

**(b) 1" zero order quarter wave plate threaded**

**Quantity: 10 nos**

**Major Specifications**

<b>SL No</b>	<b>Parameter</b>	<b>Values</b>
1	Wavelength ( $\lambda$ )	1550 nm
2	Coating	Anti-Reflect coated
3	Wave plate dimension option	Compatible with 1" optical system
4	Material	Crystalline quartz
5	Retardation	<b>(b) <math>\lambda/4</math></b>
6	Retardation accuracy	$\lambda/300$
7	Surface quality	20-10 scratch dig
8	Reflectance	<0.25% per surface @ 1550 nm
9	Beam deviation	< 10 arc sec
10	Mounting Requirement / Accessories to be supplied	With each unit i) Compatible Indexing Rotation Mount with 0-360° marking ii) Adjustable optical post (length 30 mm) iii) post holder (length 30 mm), iv) studded pedestal adapter with compatible mounting base v) Extra mounting base with 2 straight type slots to be provided. All compatible with M6 hole of test bench.