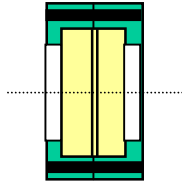


FABRY-PEROT ETALONS

- * *Air-Gap Design*
- * *Minor Force Tunable Upon Necessary*
- * *High Reflectivity for High Finesse*
- * *Wide FSR Available*



FEATURES

*ZERODOUR® glass substrate for best thermal stability
Mounted and minor adjustable*

APPLICATIONS

*Test and measurement systems
R & D environment on laser cavity
Educational setup in laser optics areas*

General Specifications:

Material:	<i>ZERODOUR® glass substrate</i>
Center Wavelength(designed):	244nm, 248nm, 266nm, 355nm, 400nm, 405nm, 488nm, 514nm, 633nm, 650nm, 670nm, 785nm, 800nm, 810nm, 850nm, 915nm, 940nm, 976nm, 1030nm, 1064nm, 1310nm, 1480nm, 1550nm, 1610nm etc
Dimensions Tolerance:	± 0.1 mm or special request
Surface Quality:	10 – 5 scratch and dig
Surface Flatness:	$\lambda/20$ @ 633nm per 25mm
Substrate(Each) Parallelism:	< 1 arc second
Optical Coating – High Energy Dielectric Coating:	
Inner Surfaces:	HR @ λ (center) – R > 99.9% @ λ (center)
Inner Surfaces:	AR @ λ (center) – R < 0.1% @ λ (center)
Packaging/Housing Material:	Black-Anodized Hard Aluminum

Ordering Information:

Part Number**	Outer Dimension ϕD (mm)	Clear Aperture ϕA (mm)	Thickness T(mm)	Air-Gap Thickness
PET1011-XX-YY	25.4	15	14	Self-Defined
PET1012-XX-YY	38.1	25	16	Self-Defined
PET1013-XX-YY	50.8	35	18	Self-Defined

** **XX** – Center wavelength (for request on wideband coating, call us for discussion)

** **YY** – Air-gap thickness (typically < 0.1mm)

*Photonik reserves the rights to change product designs and specifications at any time without notice.
Custom requests are welcome at any time.*

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