

General Specifications

Substrate Material	: UV Fused Silica / BK7A
Surface Flatness	: $< \lambda/10$ at 633
Surface Quality	: $< 10/5$
Wedge	: 3acmin
Difference of s-pol & p-pol	: $\leq 5\%$ (Low Power)
	: $\leq 10\%$ (High Power)
R/T	: 50/50
Dimension Tolerance	: $< +0.00 / -0.20$ mm
Clear Aperture	: $\geq 3 \text{ J/cm}^2$, 10ns (High Power)
Damage Threshold	: $\geq 1 \text{ J/cm}^2$, 10ns (Low Power)

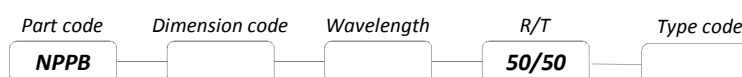


Model Specifications

Part Number	Wavelength (nm)	Dimension (Diameter x Thickness)	Material	Type
NPPB-25-248-50/50-HP	248	1" x 0.250"	UV Fused Silica	High power (for KrF and Nd:YAG laser)
NPPB-51-248-50/50-HP	248	2" x 0.375"	UV Fused Silica	High power (for KrF and Nd:YAG laser)
NPPB-25-266-50/50-HP	266	1" x 0.250"	UV Fused Silica	High power (for KrF and Nd:YAG laser)
NPPB-51-266-50/50-HP	266	2" x 0.375"	UV Fused Silica	High power (for KrF and Nd:YAG laser)
NPPB-25-355-50/50-HP	355	1" x 0.250"	UV Fused Silica	High power (for KrF and Nd:YAG laser)
NPPB-51-355-50/50-HP	355	2" x 0.375"	UV Fused Silica	High power (for KrF and Nd:YAG laser)
NPPB-25-532-50-50-Type	532	1" x 0.250"	BK7A	Low power or High power (for Nd:YAG laser)
NPPB-51-532-50-50-Type	532	2" x 0.375"	BK7A	Low power or High power (for Nd:YAG laser)
NPPB-25-780-50-50-Type	780	1" x 0.250"	BK7A	Low power or High power (for Nd:YAG laser)
NPPB-51-780-50-50-Type	780	2" x 0.375"	BK7A	Low power or High power (for Nd:YAG laser)
NPPB-25-1064-50-50-Type	1064	1" x 0.250"	BK7A	Low power or High power (for Nd:YAG laser)
NPPB-51-1064-50-50-Type	1064	2" x 0.375"	BK7A	Low power or High power (for Nd:YAG laser)

Type	Type code
High power	HP
Low power	LP

Order/Product Nomenclature



Dimension	Dimension code
1" dia. X 0.250" T	25
2" dia. X 0.375" T	51

Ordering example : NPPB-25-532-50/50-LP

* other split ratios are available on request

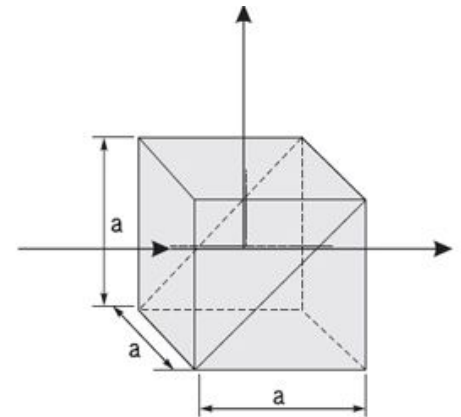
General Specifications

Substrate Material	: BK7
Surface Flatness	: $< \lambda/8$ at 633 nm
Surface Quality	: $< 20 / 10$
Dimension Tolerance	: $+0.00 / -0.20$ mm
Beam Deviation	: < 3 arcmin
R/T	: 50/50 $\pm 5\%$
Clear Aperture	: $\geq 85\%$ in central circular dimension
Damage Threshold	: ≥ 1 J/cm ² , 10ns



Model Specifications

Part Number	Wavelength range (nm)	Extinction ratio
NPBS-13-532-50/50	532	0.5"
NPBS-20-532-50/50	532	20 mm
NPBS-25-532-50/50	532	1"
NPBS-38-532-50/50	532	1.5"
NPBS-51-532-50/50	532	2"
NPBS-13-633-50/50	633	0.5"
NPBS-20-633-50/50	633	20 mm
NPBS-25-633-50/50	633	1"
NPBS-38-633-50/50	633	1.5"
NPBS-51-633-50/50	633	2"
NPBS-13-780-50/50	780	0.5"
NPBS-20-780-50/50	780	20 mm
NPBS-25-780-50/50	780	1"
NPBS-38-780-50/50	780	1.5"
NPBS-51-780-50/50	780	2"
NPBS-13-1064-50/50	1064	0.5"
NPBS-20-1064-50/50	1064	20 mm
NPBS-25-1064-50/50	1064	1"
NPBS-38-1064-50/50	1064	1.5"
NPBS-51-1064-50/50	1064	2"



Order/product Nomenclature



Ordering example : NPBS-20-1064-50/50

* other split ratios are available on request

Dimension	Dimension Code
0.5"	13
20 mm	20
1"	25
1.5"	38
2"	51