

MEDICAL LASER

OPTICS CATALOGUE 2018

EURO
REV B


pantec

Pantec Medical Laser Optics Catalogue

Lenses Sapphire

								EURO
Item #	Shape	Dia	FL	ROC	ET	Coating	Stock	Price
45001	pl-cx	25.4	196.1	140	2	A+	yes	260.-
45002	pl-cx	4.5	18.2	13	0.83	A+	yes	190.-
35372	pl-cx	6	7.5	5.37	2.5	A+	yes	242.-
35373	pl-cx	12	27.9	19.9	3	A+	yes	294.-
35374	pl-cx	18	58.7	41.91	3	A+	yes	138.-
35536	pl-cx	6.35	4.5	3.18		A2+	yes	136.-

Lenses Silicon

								EURO
Item #	Shape	Dia	FL	ROC	ET	Coating	Stock	Price
35425	pl-cx	30	98.6	240	2	A	yes	230.-
35426	pl-cv	12.7	-12.3	30	1.5	A	yes	160.-

Lenses YAG

								EURO
Item #	Shape	Dia	FL	ROC	ET	Coating	Stock	Price
43119	pl-cx	30	51.0	40	2	A2+	yes	582.-

Lenses ZnS

								EURO
Item #	Shape	Dia	FL	ROC	ET	Coating	Stock	Price
35537	pl-cv	30	-119.2	150	2	B	yes	636.-
35538	pl-cx	12.7	23.8	30	1.5	B	yes	378.-

Mirrors Silicon

EURO

Item #	Shape	Dia	ET	Coating	Stock	Price
45020	flat	4.5	0.75	HR - 45°	yes	150.-

Windows Sapphire

EURO

Item #	Shape	Dia	ET	Coating	Stock	Price
35566	flat	12.7	3	A	yes	90.-
46001	flat	25.4	1	A	yes	120.-

Beamcombiner Sapphire

EURO

Item #	Shape	Dia (a)	Dia (b)	ET	Coating	Stock	Price
43078	Elliptical	30	42.4	4	C	yes	580.-

Coatings

Description	min	max
Coating A: 3mikron™ Expert		
Reflection at (2930 – 2942) nm, AOI = (0 – 15)°		0.5 %
Coating A+: 3mikron™ Brilliant (red*)		
A and Reflection at (630 – 670) nm, AOI = (0 – 15)°		5 %
Coating A2+: 3mikron™ Extended		
A+ and Reflection at (1440-1500) nm, AOI = (0 – 15)°		0.5 %
Coating B: 3mikron™ Extended		
Reflection at (2930 – 2942) nm, AOI = (0 – 15)°		1.25 %
Reflection at (1440-1500) nm, AOI = (0 – 15)°		1.25%
Reflection at (630 – 670) nm, AOI = (0 – 15)°		4 %
Coating C: 3mikron™ Combiner		
- Side 1		
Reflection at (2930 – 2942) nm, AOI = 45°		1.5 %
Reflection at (1440 – 1500) nm, AOI = 45°		0.5 %
- Side 2		
Reflection at (2930 – 2942) nm, AOI = 45°		1 %
Reflection at (1440 – 1500) nm, AOI = 45°	99 %	
Reflection at (630 – 670) nm, AOI = 45°	95 %	

* other wavelengths on request

** Focus length @ 2.94 µm

Dimensions in mm