Protected Gold Mirrors

- **LIDT – 1.0 J/cm² at 1064 nm, 50 Hz, 11 nsec pulses***
- **Average Reflection >98% for 900 nm – IR**
- **BK7, UVFS, Zerodur® substrates available**
- **Round, Square and Flat or Spherical Mirrors available**
- **OEM capabilities - please contact for special pricing**
- **Test samples are available on request**
- **Bare Gold coated mirrors are available as an option**

** Laser Induced Damage Threshold results are measured according to ISO 21254-2: 1000-on-1 test procedure.*

Protected Gold (Au) Mirrors have the highest reflectance in infrared. Enhanced metallic coatings provide greater reflection across the operating bandwidth.

Flat Round Mirrors. Substrate type: plano-plano

Catalogue number	Diameter D, mm	Thickness T, mm	Substrate material	Price, EUR
091-0030	12.7	3.0	BK7	35
092-0030	25.4	6.0	BK7	43
095-0030	50.8	8.0	BK7	115
097-0030	76.2	12.7	BK7	210
091-3030	12.7	3.0	UV FS	45
092-3030	25.4	6.0	UV FS	48
095-3030	50.8	8.0	UV FS	155
097-3030	76.2	12.7	UV FS	245

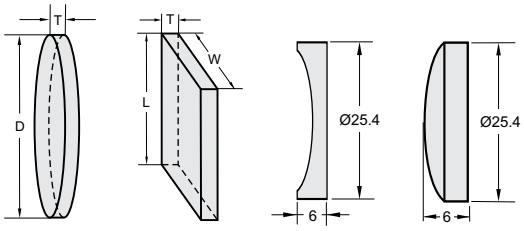
Flat Rectangular Mirrors. Substrate type: plano-plano

Catalogue number	Width W, mm	Length L, mm	Thickness T, mm	Substrate material	Price, EUR
091-0330	15.0	20.0	6.0	BK7	55
092-0330	20.0	30.0	6.0	BK7	69
093-0330	25.4	25.4	6.0	BK7	65
094-0330	25.4	50.8	10.0	BK7	95
095-0330	50.8	50.8	10.0	BK7	130
091-3330	15.0	20.0	6.0	UV FS	69
092-3330	20.0	30.0	6.0	UV FS	87
093-3330	25.4	25.4	6.0	UV FS	83
094-3330	25.4	50.8	10.0	UV FS	130
095-3330	50.8	50.8	10.0	UV FS	175

Spherical Mirrors. Diameter: 25.4 mm; Edge thickness: 6.0

Catalogue number	Substrate type	Radius, mm	Substrate material	Price, EUR
092-0030	Plano-plano	∞	BK7	43
092-0130R-50	Plano-concave	-50	BK7	95
092-0130R-100	Plano-concave	-100	BK7	95
092-0130R-150	Plano-concave	-150	BK7	95
092-0130R-200	Plano-concave	-200	BK7	95
092-0130R-250	Plano-concave	-250	BK7	95
092-0130R-500	Plano-concave	-500	BK7	95
092-0130R-1000	Plano-concave	-1000	BK7	95
092-0130R-2000	Plano-concave	-2000	BK7	95
092-0130R-2500	Plano-concave	-2500	BK7	95
092-0130R-4000	Plano-concave	-4000	BK7	95
092-0130R-5000	Plano-concave	-5000	BK7	95
092-3030	Plano-plano	∞	UV FS	48
092-3130R-50	Plano-concave	-50	UV FS	110
092-3130R-100	Plano-concave	-100	UV FS	110
092-3130R-150	Plano-concave	-150	UV FS	110
092-3130R-200	Plano-concave	-200	UV FS	110
092-3130R-250	Plano-concave	-250	UV FS	110
092-3130R-500	Plano-concave	-500	UV FS	110
092-3130R-1000	Plano-concave	-1000	UV FS	110
092-3130R-2000	Plano-concave	-2000	UV FS	110
092-3130R-2500	Plano-concave	-2500	UV FS	110
092-3130R-4000	Plano-concave	-4000	UV FS	110
092-3130R-5000	Plano-concave	-5000	UV FS	110
092-0230R+100	Plano-convex	+100	BK7	99
092-0230R+200	Plano-convex	+200	BK7	99
092-0230R+500	Plano-convex	+500	BK7	99
092-0230R+1000	Plano-convex	+1000	BK7	99
092-0230R+2000	Plano-convex	+2000	BK7	99
092-0230R+4000	Plano-convex	+4000	BK7	99
092-3230R+100	Plano-convex	+100	UV FS	115
092-3230R+200	Plano-convex	+200	UV FS	115
092-3230R+500	Plano-convex	+500	UV FS	115
092-3230R+1000	Plano-convex	+1000	UV FS	115
092-3230R+2000	Plano-convex	+2000	UV FS	115
092-3230R+4000	Plano-convex	+4000	UV FS	115

Most of Metal Coated mirrors are available for fast off-the-shelf delivery. Check the availability at **www.eksmaoptics.com**



RELATED PRODUCTS

Curved Windows. *See page 1.7*

Kinematic Mirror Mount 840-0010
See page 8.58

Adapter for Mirror at 45° 840-0115
See page 8.76