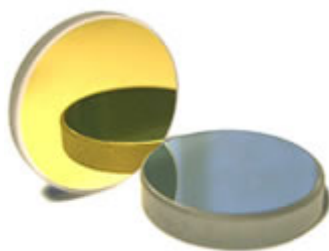


1.2. Metallic Mirrors



Metallic coatings are convenient in that they are extremely broadband and can be used at any angle of incidence.

We offer gold, silver, aluminum and copper metallic high reflection coating formed by vacuum deposition. All metallic reflectors can be over-coated with dielectric film of magnesium fluoride (MgF_2) in order to prevent oxidation of the metallic surface and provide abrasion resistance.

Coating Type	Wavelength Range, nm	Average Reflectance
Gold	700 – IR	99 %
Silver	400 – IR	99 %
Aluminum	200 – IR	90 %
Copper	700 – IR	96%

When Ordering please specify
ROC: 50-10 000mm

Standard specifications
Shape: round
Substrate Material: BK7
Protection: SiO_2 coating
Diam tolerance: +0.00,-05mm
Surface finish: 60/40 scr/dig
Flatness: < L/4
Wedge: 3 arcmin
Clear Aperture: 90% of diam
ROC: 50-10 000mm

1.2.1. Flat Metallic Mirrors

1.2.1.1. Au coated flat Metallic Mirrors

Code	Name	Coating	Type	Diameter (mm)	Price (2-4pcs)	Price (5-10pcs)	Price (11-50pcs)	Price (>50pcs)	Currency
MM1	Metallic Mirror	Au	Flat	12.7	21,600	19,500	15,600	12,600	JPY
MM4	Metallic Mirror	Au	Flat	19.1	22,200	20,700	16,200	12,900	JPY
MM7	Metallic Mirror	Au	Flat	25.4	24,600	21,300	17,400	13,800	JPY
MM10	Metallic Mirror	Au	Flat	38.1	27,600	26,100	20,700	16,500	JPY
MM13	Metallic Mirror	Au	Flat	50.8	31,200	29,400	22,800	18,300	JPY

1.2.1.2. Ag coated flat Metallic Mirrors

Code	Name	Coating	Type	Diameter (mm)	Price (2-4pcs)	Price (5-10pcs)	Price (11-50pcs)	Price (>50pcs)	Currency
MM16	Metallic Mirror	Ag	Flat	12.7	17,400	15,600	13,800	11,100	JPY
MM19	Metallic Mirror	Ag	Flat	19.1	18,600	16,800	14,100	11,400	JPY
MM22	Metallic Mirror	Ag	Flat	25.4	19,200	17,100	14,700	11,700	JPY
MM25	Metallic Mirror	Ag	Flat	38.1	26,700	23,700	20,700	16,500	JPY
MM28	Metallic Mirror	Ag	Flat	50.8	30,000	24,900	21,000	16,800	JPY

1.2.1.3. Al coated flat Metallic Mirrors

Code	Name	Coating	Type	Diameter (mm)	Price (2-4pcs)	Price (5-10pcs)	Price (11-50pcs)	Price (>50pcs)	Currency
MM31	Metallic Mirror	Al	Flat	12.7	12,300	9,300	7,800	6,300	JPY
MM34	Metallic Mirror	Al	Flat	19.1	13,500	10,200	8,700	6,900	JPY
MM37	Metallic Mirror	Al	Flat	25.4	14,100	12,600	10,800	8,700	JPY
MM40	Metallic Mirror	Al	Flat	38.1	19,800	15,600	14,400	11,400	JPY
MM43	Metallic Mirror	Al	Flat	50.8	22,800	18,000	16,800	13,500	JPY

1.2.2. Concave Metallic Mirrors

1.2.2.1. Au coated concave Metallic Mirrors

Code	Name	Coating	Type	Diameter (mm)	Price (2-4pcs)	Price (5-10pcs)	Price (11-50pcs)	Price (>50pcs)	Currency
MM46	Metallic Mirror	Au	Concave	12.7	24,900	20,700	20,100	16,200	JPY
MM49	Metallic Mirror	Au	Concave	19.1	25,500	21,300	20,400	16,200	JPY
MM52	Metallic Mirror	Au	Concave	25.4	27,600	25,200	21,000	16,800	JPY
MM55	Metallic Mirror	Au	Concave	38.1	32,400	24,600	24,900	19,800	JPY
MM58	Metallic Mirror	Au	Concave	50.8	38,400	32,100	29,400	23,400	JPY

1.2.2.2. Ag coated concave Metallic Mirrors

Code	Name	Coating	Type	Diameter (mm)	Price (2-4pcs)	Price (5-10pcs)	Price (11-50pcs)	Price (>50pcs)	Currency
MM61	Metallic Mirror	Ag	Concave	12.7	23,400	18,000	14,700	11,700	JPY
MM64	Metallic Mirror	Ag	Concave	19.1	24,600	19,500	15,600	12,600	JPY
MM67	Metallic Mirror	Ag	Concave	25.4	25,500	20,400	16,200	12,900	JPY
MM70	Metallic Mirror	Ag	Concave	38.1	29,400	25,500	21,600	17,400	JPY
MM73	Metallic Mirror	Ag	Concave	50.8	34,200	28,500	24,300	19,500	JPY

1.2.2.3. Al coated concave Metallic Mirrors

Code	Name	Coating	Type	Diameter (mm)	Price (2-4pcs)	Price (5-10pcs)	Price (11-50pcs)	Price (>50pcs)	Currency
MM76	Metallic Mirror	Al	Concave	12.7	18,300	14,700	13,500	10,800	JPY
MM79	Metallic Mirror	Al	Concave	19.1	19,200	15,600	14,700	11,700	JPY
MM82	Metallic Mirror	Al	Concave	25.4	19,500	17,400	13,800	11,100	JPY
MM85	Metallic Mirror	Al	Concave	38.1	21,600	19,200	17,100	13,800	JPY
MM88	Metallic Mirror	Al	Concave	50.8	29,700	25,200	23,700	18,900	JPY