

Laser Line Flat Mirror

- **Material:** H-K9L
- **Surface Figure:** $<\lambda/10@632.8\text{nm}$
- **Surface quality:** 60/40
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Diameter Tolerance:** $+0.0/-0.2\text{mm}$
- **S1:** Dielectric HR Ravg $>99.5\%$
- **S2:** Ground or Polished
- **Damage Threshold:** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm

Part No.				Material	Angle of incidence (°)	Wavelength
$\phi 12.7*3.0\text{mm}$	$\phi 20.0*5.0\text{mm}$	$\phi 25.4*6.35\text{mm}$	$\phi 50.8*6.35\text{mm}$			
MIR4127-30-260-0	MIR4200-50-260-0	MIR4254-63R5-260-0	MIR4508-63R5-260-0	K9	0	260-270
MIR4127-30-260-1	MIR4200-50-260-1	MIR4254-63R5-260-1	MIR4508-63R5-260-1	K9	45	260-270
MIR4127-30-350-0	MIR4200-50-350-0	MIR4254-63R5-350-0	MIR4508-63R5-350-0	K9	0	350-360
MIR4127-30-350-1	MIR4200-50-350-1	MIR4254-63R5-350-1	MIR4508-63R5-350-1	K9	45	350-360
MIR4127-30-397-0	MIR4200-50-397-0	MIR4254-63R5-397-0	MIR4508-63R5-397-0	K9	0	397-405
MIR4127-30-397-1	MIR4200-50-397-1	MIR4254-63R5-397-1	MIR4508-63R5-397-1	K9	45	397-405
MIR4127-30-488-0	MIR4200-50-488-0	MIR4254-63R5-488-0	MIR4508-63R5-488-0	K9	0	488-515
MIR4127-30-488-1	MIR4200-50-488-1	MIR4254-63R5-488-1	MIR4508-63R5-488-1	K9	45	488-515
MIR4127-30-527-0	MIR4200-50-527-0	MIR4254-63R5-527-0	MIR4508-63R5-527-0	K9	0	527-532
MIR4127-30-527-1	MIR4200-50-527-1	MIR4254-63R5-527-1	MIR4508-63R5-527-1	K9	45	527-532
MIR4127-30-633-0	MIR4200-50-633-0	MIR4254-63R5-633-0	MIR4508-63R5-633-0	K9	0	633-660
MIR4127-30-633-1	MIR4200-50-633-1	MIR4254-63R5-633-1	MIR4508-63R5-633-1	K9	45	633-660
MIR4127-30-780-0	MIR4200-50-780-0	MIR4254-63R5-780-0	MIR4508-63R5-780-0	K9	0	780
MIR4127-30-780-1	MIR4200-50-780-1	MIR4254-63R6-780-1	MIR4508-63R6-780-1	K9	45	780
MIR4127-30-850-0	MIR4200-50-850-0	MIR4254-63R7-850-0	MIR4508-63R7-850-0	K9	0	850
MIR4127-30-350-1	MIR4200-50-350-1	MIR4254-63R8-350-1	MIR4508-63R8-350-1	K9	45	850
MIR4127-30-1028-0	MIR4200-50-1028-0	MIR4254-63R9-1028-0	MIR4508-63R9-1028-0	K9	0	1028-1030
MIR4127-30-1028-1	MIR4200-50-1028-1	MIR4254-63R10-1028-1	MIR4508-63R10-1028-1	K9	45	1028-1030
MIR4127-30-1047-0	MIR4200-50-1047-0	MIR4254-63R11-1047-0	MIR4508-63R11-1047-0	K9	0	1047-1064
MIR4127-30-1047-1	MIR4200-50-1047-1	MIR4254-63R12-1047-1	MIR4508-63R12-1047-1	K9	45	1047-1064
MIR4127-30-1310-0	MIR4200-50-1310-0	MIR4254-63R13-1310-0	MIR4508-63R13-1310-0	K9	0	1310
MIR4127-30-1310-1	MIR4200-50-1310-1	MIR4254-63R14-1310-1	MIR4508-63R14-1310-1	K9	45	1310
MIR4127-30-1520-0	MIR4200-50-1520-0	MIR4254-63R15-1520-0	MIR4508-63R15-1520-0	K9	0	1520-1570
MIR4127-30-1520-1	MIR4200-50-1520-1	MIR4254-63R16-1520-1	MIR4508-63R16-1520-1	K9	45	1520-1570

Unless otherwise specified, all dimensions are in mm

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NdYAG, Ar Laser Line Flat Mirror

- **Material:** Fused Silica
- **Surface Figure :** $\lambda/10@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



The laser mirror produced by our company adopts low scattering high-quality fused silica, with tens of layers dielectric coating, providing extremely high reflectivity at the specified wavelength. The mirror can be widely used in many lasers.

YAG laser mirror

Part No.	Diameter (mm)	Thickness (mm)	Wavelength (nm)	Angle of incidence	Reflectivity	Damage Threshold (10ns pulse)
MIR4125-60-266-0-FS	12.5	6.0	YAG-266nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-266-1-FS	12.5	6.0	YAG-266nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-355-0-FS	12.5	6.0	YAG-355nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-355-1-FS	12.5	6.0	YAG-355nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-532-0-FS	12.5	6.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-532-1-FS	12.5	6.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-1064-0-FS	12.5	6.0	YAG-1064nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-1064-1-FS	12.5	6.0	YAG-1064nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-266-0-FS	25.0	6.0	YAG-266nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-266-1-FS	25.0	6.0	YAG-266nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-355-0-FS	25.0	6.0	YAG-355nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-355-1-FS	25.0	6.0	YAG-355nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-532-0-FS	25.0	6.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-532-1-FS	25.0	6.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-1064-0-FS	25.0	6.0	YAG-1064nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-1064-1-FS	25.0	6.0	YAG-1064nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-266-0-FS	50.0	10.0	YAG-266nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-266-1-FS	50.0	10.0	YAG-266nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-355-0-FS	50.0	10.0	YAG-355nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-355-1-FS	50.0	10.0	YAG-355nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-0-FS	50.0	10.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-1-FS	50.0	10.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-0-FS	50.0	10.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-1-FS	50.0	10.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$

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- **Parallelism:** <3'
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** 0.2~0.5mmX45°
- **Coating:** see product list



Hydrogen ion laser mirror

Part No.	Diameter (mm)	Thickness (mm)	Wavelength (nm)	Angle of incidence	Reflectivity	Damage Threshold (CW)
MIR4125-60-244-0-FS	12.5	6.0	244-257nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-244-1-FS	12.5	6.0	244-257nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-300-0-FS	12.5	6.0	300-308nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-300-1-FS	12.5	6.0	300-308nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-351-0-FS	12.5	6.0	351-364nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-351-1-FS	12.5	6.0	351-364nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-458-0-FS	12.5	6.0	458-528nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4125-60-458-1-FS	12.5	6.0	458-528nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-244-0-FS	25.0	6.0	244-257nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-244-1-FS	25.0	6.0	244-257nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-300-0-FS	25.0	6.0	300-308nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-300-1-FS	25.0	6.0	300-308nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-351-0-FS	25.0	6.0	351-364nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-351-1-FS	25.0	6.0	351-364nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-458-0-FS	25.0	6.0	458-528nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4250-60-458-1-FS	25.0	6.0	458-528nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4500-100-244-0-FS	50.0	10.0	244-257nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4500-100-244-1-FS	50.0	10.0	244-257nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4500-100-300-0-FS	50.0	10.0	300-308nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4500-100-300-1-FS	50.0	10.0	300-308nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4500-100-351-0-FS	50.0	10.0	351-364nm	0°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²
MIR4500-100-351-1-FS	50.0	10.0	351-364nm	45°	$R_{\text{avg}} > 99.5\%$	>1KW/cm ²

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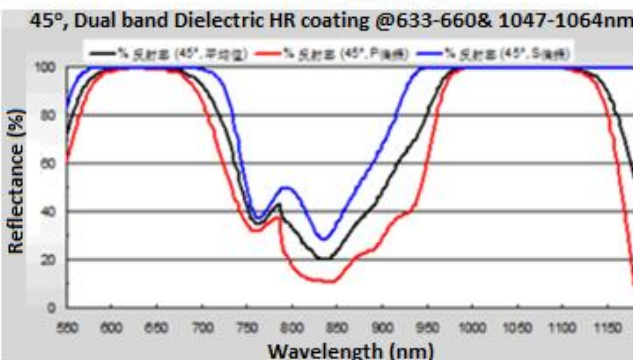
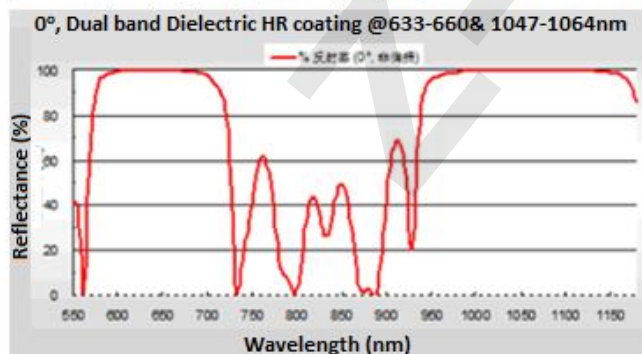
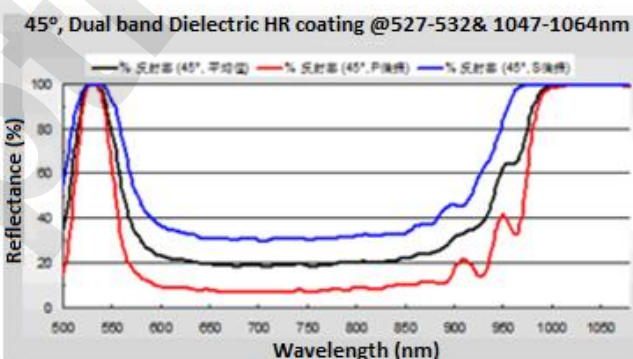
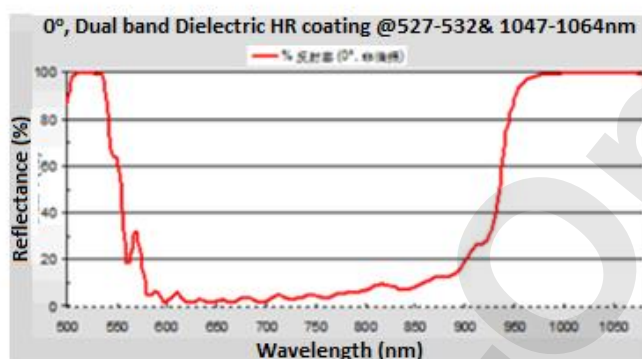
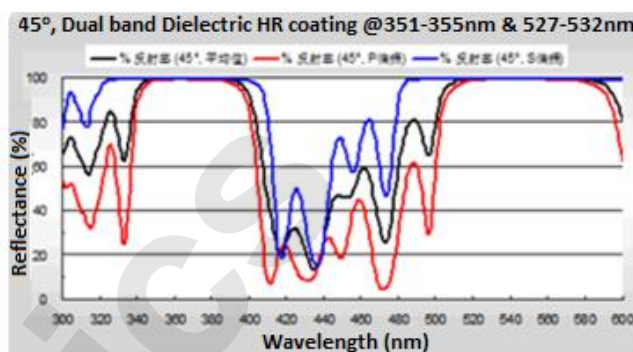
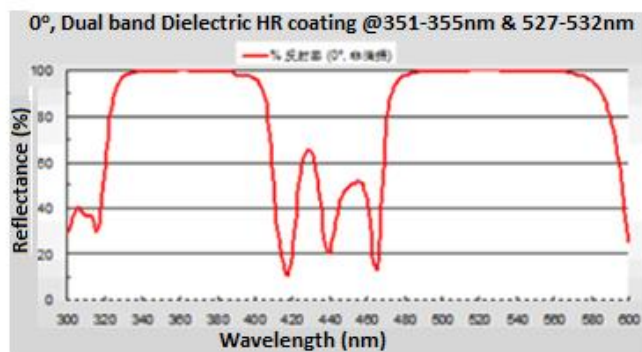
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Dual Wavelength Laser Line Flat Mirror

- **Material:** H-K9L
- **Surface Figure:** $<\lambda/10@632.8\text{nm}$
- **Surface quality:** 60/40
- **Dimension Tolerance:** $+0.0/-0.2\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $<0.5\text{mm} \times 45^\circ$
- **Damage Threshold:** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm



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- **Dimension Tolerance:** +0.0/-0.2mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $<0.5\text{mm} \times 45^\circ$
- **Damage Threshold:** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm

Part no.				Material incidence	Angle of incidence (°)	Wavelength
$\phi 12.7 \times 3.0\text{mm}$	$\Phi 20.0 \times 5.0\text{mm}$	$\Phi 25.4 \times 6.35\text{mm}$	$\Phi 50.8 \times 6.35\text{mm}$			
MIR5127-30-515-0	MIR5200-50-515-0	MIR5254-63R5-515-0	MIR5508-63R5-515-0	K9	0	515-532 & 1047-1064
MIR5127-30-515-1	MIR5200-50-515-1	MIR5254-63R6-515-1	MIR5508-63R6-515-1	K9	45	515-532 & 1047-1064
MIR5127-30-351-0	MIR5200-50-351-0	MIR5254-63R7-351-0	MIR5508-63R7-351-0	K9	0	351-355 & 515-532
MIR5127-30-351-1	MIR5200-50-351-1	MIR5254-63R8-351-1	MIR5508-63R8-351-1	K9	45	351-355 & 515-532
MIR5127-30-633-0	MIR5200-50-633-0	MIR5254-63R9-633-0	MIR5508-63R9-633-0	K9	0	633-660 & 1028-1080
MIR5127-30-633-1	MIR5200-50-633-1	MIR5254-63R10-633-1	MIR5508-63R10-633-1	K9	45	633-660 & 1028-1080

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