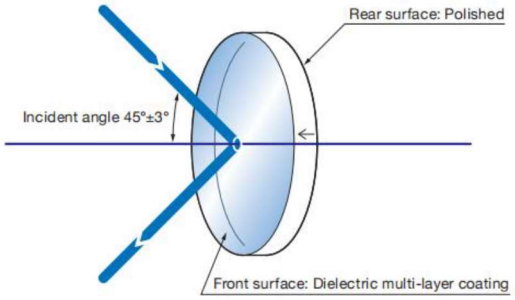
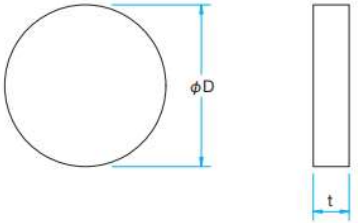
Ultra Broadband Mirrors | OP-M-WB

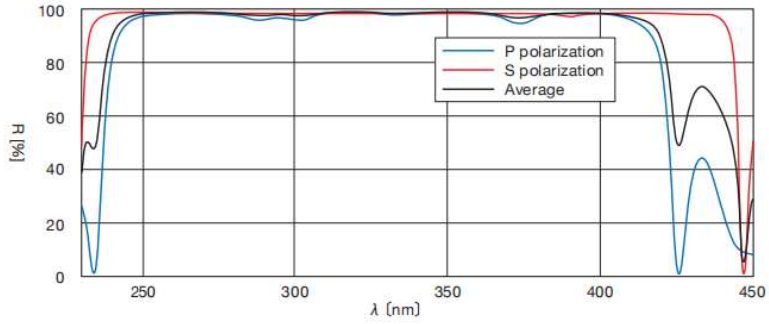
Material	Synthetic fused silica
Coating	Dielectric multi-layer coating
Incident angle	45°±3°
Surface Flatness	λ/10
Parallelism	<3′
Surface Quality (Scratch-Dig)	40-20
Clear aperture	90%of Actual Aperture
Rear Surface	Polished

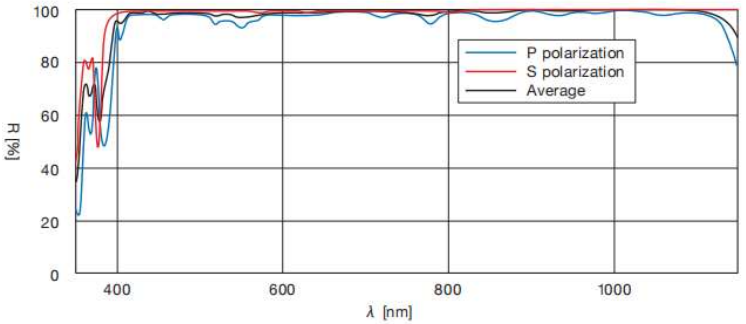


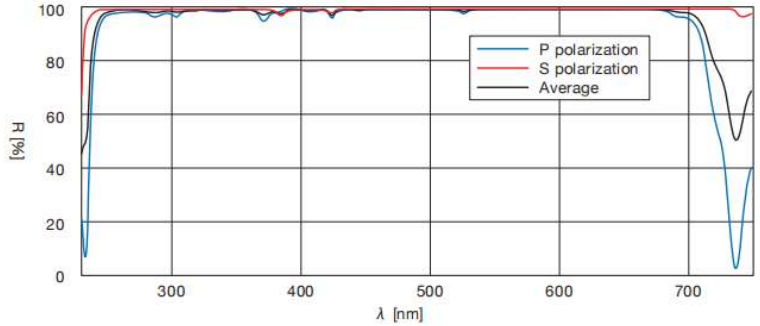


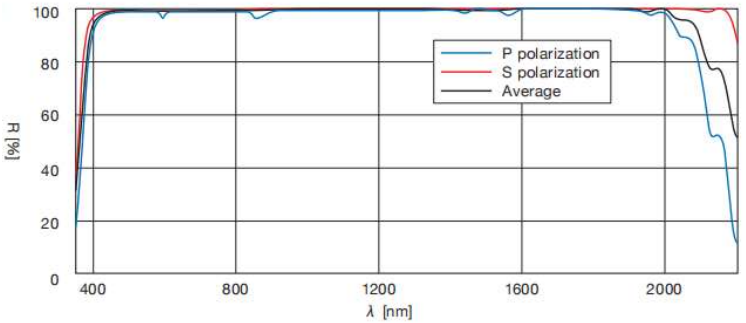
●Tolerance
Diameter $\phi D^{0}_{-0.1}$
Thickness t ±0.1

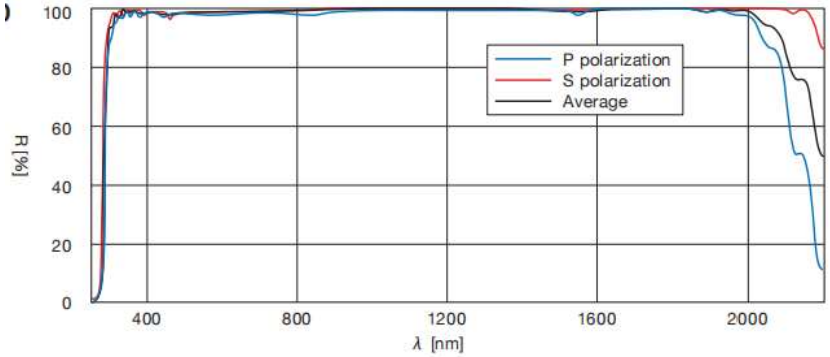
Part Number	Wavelength Range [nm]	Diameter φD [mm]	Thickness t [mm]	Reflectance [%]	Laser Damage Threshold* [J/cm²]
OPMWB-25.4C05-2/4	245-400	φ25.4	5	>Average 97	0.5
OPMWB-30C05-2/4	245-400	φ30	5	>Average 97	0.5
OPMWB-25.4C05-2/7	245-700	φ25.4	5	>Average 97	0.5
OPMWB-30C05-2/7	245-700	φ30	5	>Average 97	0.5
OPMWB-25.4C05-4/11	400-1100	φ25.4	5	>Average 98	0.5
OPMWB-30C05-4/11	400-1100	φ30	5	>Average 98	0.5
OPMWB-50C08-4/11	400-1100	φ50	8	>Average 98	0.5
OPMWB-25.4C05-4/20	400-2000	φ25.4	5	>Average 98	0.5
OPMWB-30C05-4/20	400-2000	φ30	5	>Average 98	0.5
OPMWB-50C08-4/20	400-2000	φ50	8	>Average 98	0.5
OPMWB-25.4C05-3/20	300-2000	φ25.4	5	>Average 97	0.5
OPMWB-30C05-3/20	300-2000	φ30	5	>Average 97	0.5
OPMWB-50C08-3/20	300-2000	φ50	8	>Average 97	0.5


P polarization
S polarization
Average
R [%]
λ [nm]
100
80
60
40
20
0
250
300
350
400
450


P polarization
S polarization
Average
R [%]
λ [nm]
100
80
60
40
20
0
400
600
800
1000


P polarization
S polarization
Average
R [%]
λ [nm]
100
80
60
40
20
0
300
400
500
600
700


P polarization
S polarization
Average
R [%]
λ [nm]
100
80
60
40
20
0
400
800
1200
1600
2000


P polarization
S polarization
Average
R [%]
λ [nm]
100
80
60
40
20
0
400
800
1200
1600
2000