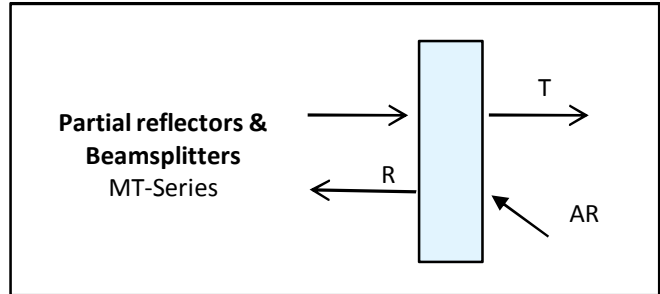


## General Specifications

Substrate Material	: Fused Silica
UV	: UV fused silica
VIS-NIR-IR	: BK7
High power	: Fused silica
Surface Figure	: $\lambda/20$ typical at 633
Surface Quality	: 10 - 5 laser quality
Dimensional Tolerance	: +0.00 mm / -0.25 mm
Thickness Tolerance	: $\pm 0.25$ mm
Wedge	: <3 minutes
Chamfer	: 0.35 mm at 45° typical
Clear Aperture	: Exceeds central 85% of dimension



## Partial reflectors & Beamsplitters

1" dia X 1/4: Part Number	2" dia X 1/4" Part Number	Bandwidth	Power Rating	Laser
MT-25-266-R/T	MT-51-266-R/T	10%	300 MW/cm <sup>2</sup>	Nd:YAG
MT-25-351-R/T	MT-51-351-R/T	10%	300 MW/cm <sup>2</sup>	XeF
MT-25-355-R/T	MT-51-355-R/T	10%	300 MW/cm <sup>2</sup>	Nd:YAG
MT-25-488-R/T	MT-51-488-R/T	10%	500 MW/cm <sup>2</sup>	Ar
MT-25-514-R/T	MT-51-514-R/T	10%	500 MW/cm <sup>2</sup>	Ar
MT-25-532-R/T	MT-51-532-R/T	10%	500 MW/cm <sup>2</sup>	Nd:YAG
MT-25-633-R/T	MT-51-633-R/T	10%	500 MW/cm <sup>2</sup>	HeNe
MT-25-780-R/T	MT-51-780-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-810-R/T	MT-51-810-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-830-R/T	MT-51-830-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-850-R/T	MT-51-850-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-980-R/T	MT-51-980-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-1053-R/T	MT-51-1053-R/T	10%	500 MW/cm <sup>2</sup>	Nd:YLF
MT-25-1064-R/T	MT-51-1064-R/T	10%	500 MW/cm <sup>2</sup>	Nd:YAG
MT-25-1310-R/T	MT-51-1310-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-1319-R/T	MT-51-1319-R/T	10%	500 MW/cm <sup>2</sup>	Diode
MT-25-1540-R/T	MT-51-1540-R/T	10%	500 MW/cm <sup>2</sup>	Diode

\* Unpolarized inquire for use with other polariz:

## Order/Product Nomenclature

Part code      Diameter      Wavelength      Split Ratio R/T      Incidence Angle      Polarization

**MT**                             

Order example : MT-25-532-50/50-0-U  
: MT-51-1540-10/90-45-S

## Polarization      Polarization code

Unpolarization	U
S-polarization	S
P-polarization	P