



### 1. General

Broadband mirror for VIS to FIR applications.

### 2. Substrate Material

- Silicon
- Copper
- Aluminium
- Beryllium
- SiC
- Glasses

Substrates are available with plano/plano, plano / concave and plano / convex surfaces.

### 3. Reflexion / Reflection

450 nm:	R > 93,0 % ± 1,0%	AOI 8° r-pol
632 nm:	R > 97,5 % ± 1,0%	AOI 8° r-pol
1064 nm:	R > 98,0 % ± 1,0%	AOI 8° r-pol

### 4. Properties

Adhesion:	MIL-C-48497	§ 4.5.3.1
Humidity:	MIL-C-48497	§ 4.5.3.2
Abrasion:	MIL-C-48497	§ 4.5.3.3
Temperature:	MIL-C-48497	§ 4.5.4.1

### 5. Damage Threshold

Wellenlänge / Wavelength: 1064 nm  
 Zerstörschwelle / Damage Thres.: 5,1 J/cm<sup>2</sup>

### 6. Spectra (AOI 8°)\*:

