



**1. General**

Laser line mirror for 1064 nm. Gold base layer with dielectric top layers.

**2. Substrate Material**

- Silicon
- Copper
- Aluminium
- SiC

**3. Reflection**

1030 nm:            R > 99,5 %    ±0,2 %  
                           AOI 45°            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. Zerstörschwelle / Damage Threshold**

Wavelength:                    1064 nm  
 Damage Threshold:            8,9 J/cm<sup>2</sup>

**6. Spectra (λ=1064 nm):**

