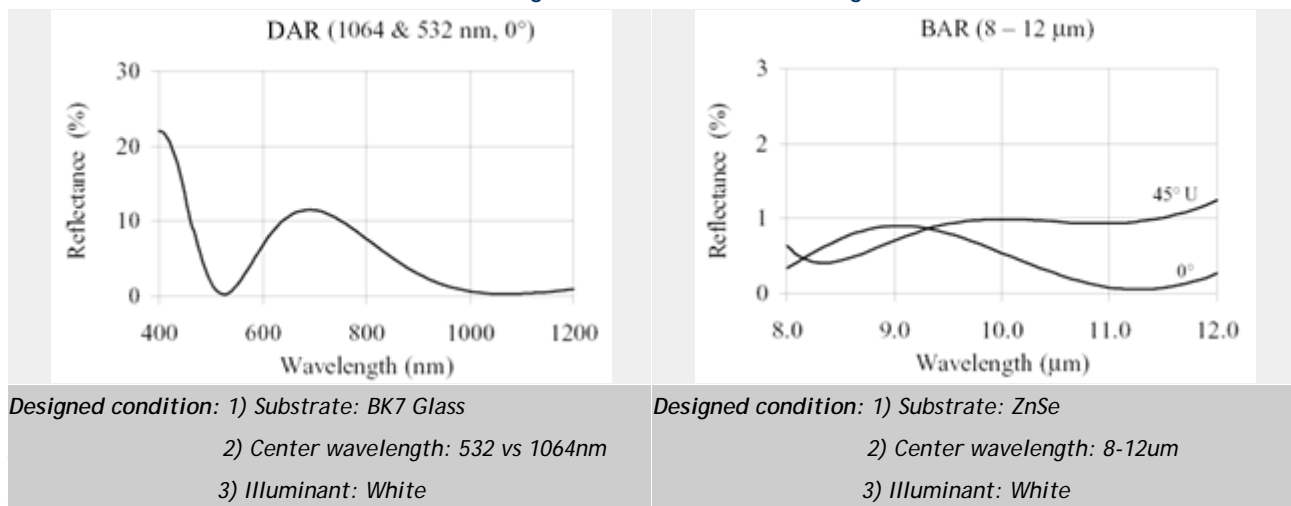


## Dual Wavelength Anti-Reflective Coatings(Part No: DAR)

Dual wavelength antireflective coating is designed to provide very high transmission at two different wavelength. This coating is often used in frequency doubling systems or the other multi-laser output systems. Such as the Nd:YVO4 laser (1064nm) and its second harmonic generation(532nm) green laser.

### ■ Reflectance Simulation of Dual Wavelength Anti-reflection Coatings



### ■ Dual Wavelength Anti-reflection Coating Normal Incidence

Wavelength Range (nm)	Maximum Reflectance (%)	Damage Threshold	Coating Index
532 vs 1064	1.0	2 J/cm <sup>2</sup> in 10 ns	UQT-BAR001
670 vs 1064	1.0	2 J/cm <sup>2</sup> in 10 ns	UQT-BAR002
1064 vs 1320	1.0	3 J/cm <sup>2</sup> in 10 ns	UQT-BAR003
1064 vs 1570	1.0	3 J/cm <sup>2</sup> in 10 ns	UQT-BAR004

Please Contact [ultiQuest](#) for more information and technical supports.

#### NOTES!

- The values of laser damage threshold are based on actual measurement and not a guaranteed specification.