









Substance	Index of Refraction, n	
Solids at 20 °C		The finder of a first free first fir
Diamond	2.419	the ratio of the speed of light in a vacuum to the speed of light in the material:
Glass, crown	1.523	
Ice (0 °C)	1.309	
Sodium chloride	1.544	
Quartz		
Crystalline	1.544	0 1 01 14
Fused	1.458	Speed of light in vacuum
Liquids at 20 °C		$n = \frac{1}{2}$ Speed of light in the material
Benzene	1.501	speed of light in the indicital
Carbon disulfide	1.632	
Carbon tetrachloride	1.461	
Ethyl alcohol	1.362	
Water	1.333	
Gases at 0 °C, 1 atm		
Air	1.000 293	
Carbon dioxide	1.000 45	
Oxygen, O ₂	1.000 271	
Hydrogen, H ₂	1.000 139	



















