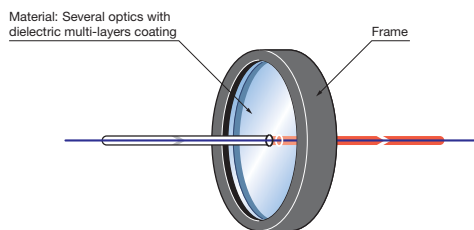


It is available to cut the excitation laser beam and extracted with high transmittance Raman shifted light on the longer wavelength side with a sharp rise. It can be used to detect weak light of the Raman scattering.

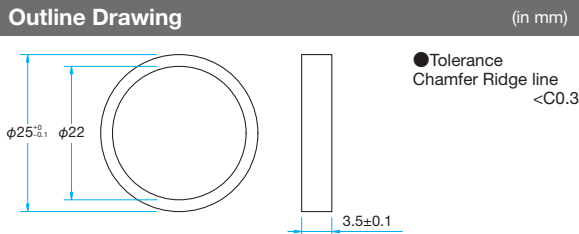
- At the wavelength of the laser specified it has excellent light-blocking properties of OD6 and in the transmission range it is a filter with a transmittance of more than 90%.
- Because it is a dielectric multilayer coating, there is almost no absorption of light by the coating.



Schematic



Outline Drawing



Specifications	
Coating	Dielectric multi-layer coating
Incident angle	0°
Surface Quality (Scratch-Dig)	60-40

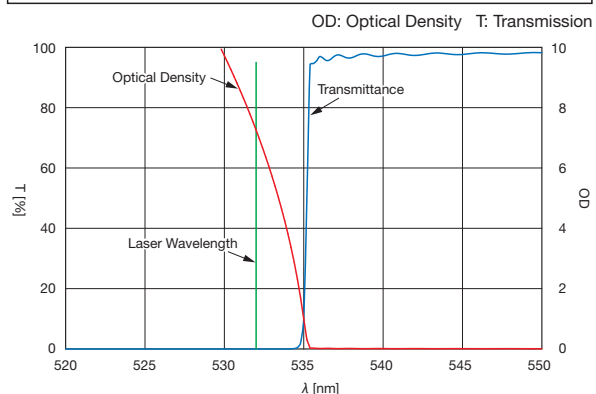
Guide

- ▶ Please contact our Sales Division for customized products. (customized of outer diameter, wavelength characteristic, etc.)
- ▶ Please contact our Sales Division if you require a wavelength characteristics of broadband data or more detailed data.

Attention

- ▶ If the light incident angle is other than 0 degrees, the transmittance characteristics may change. In normal use, when the incident angle changes, the wavelength may shift to the long wavelength side.

Typical Transmittance & Optical Density Data



Specifications

Part Number	High transmittance range		Blocking range	
	wavelength [nm]	transmittance [%]	laser wavelength [nm]	optical density (average)
RSF-25C-325RU	329.2 – 733.1	>90	325	6
RSF-25C-355RU	359.6 – 800.8	>90	355	6
RSF-25C-364RU	368.5 – 820.6	>90	363.8	6
RSF-25C-442RU	447.3 – 996.1	>90	441.6	6
RSF-25C-458RU	463.9 – 1032.9	>90	457.9	6
RSF-25C-473RU	479.1 – 683.9	>90	473	6
RSF-25C-488RU	494.3 – 1100.8	>90	488	6
RSF-25C-514RU	521.2 – 1160.5	>90	514.5	6
RSF-25C-532RU	538.9 – 1200.0	>90	532	6
RSF-25C-561RU	568.7 – 1266.3	>90	561.4	6
RSF-25C-568RU	575.6 – 1281.7	>90	568.2	6
RSF-25C-633RU	641.0 – 1427.4	>90	632.8	6
RSF-25C-647RU	655.5 – 1441.9	>90	647.1	6
RSF-25C-664RU	672.6 – 1497.7	>90	664	6
RSF-25C-780RU	790.1 – 1008.0	>90	780	6
RSF-25C-785RU	804.0 – 1500.0	>90	785	6
RSF-25C-808RU	818.5 – 1822.6	>90	808	6
RSF-25C-830RU	840.8 – 1872.2	>90	830	6
RSF-25C-980RU	992.7 – 2000.0	>90	980	6
RSF-25C-1064RU	1077.8 – 2000.0	>90	1064	6
RSF-25C-1319RU	1336.1 – 2000.0	>90	1319	6