

SCHOTT RG830, 12.5mm Dia., 1mm Thick, Colored Glass Longpass Filter

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Diameter (mm): 12.50
Cut-On Wavelength (nm): 830.00 ±9
Density (g/cm³):

2.94
Glass/Filter Number: SCHOTT RG830
Coating: Uncoated
Color: Black
Passband Limit 1 λ_{p1} (nm): 950
Passband Limit 2 λ_{p2} (nm): 1100
Index of Refraction n_d: 1.56
Spectral Transmittance t_p (%): 97
Stopband Limit λ_s(nm): 670
Surface Quality: 60-40
Transformation Temperature (°C): 554
Thickness (mm): 1.00 ±0.1
Type: Longpass Filter
Wavelength: IR
Dimensional Tolerance (mm): ±0.2
Reflection Factor P_d: 0.91
Bevel: Protective as needed

Regulatory Compliance

Certificate of Conformance: View
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