

SCHOTT RG850, 12.5mm Dia., 1mm Thick, Colored Glass Longpass Filter

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Diameter (mm):
12.50

Cut-On Wavelength (nm):
850.00 ±9

Density (g/cm³):

2.93
Glass/Filter Number: SCHOTT RG850
Coating: Uncoated
Color: Black
Passband Limit 1 λ_{p1} (nm): 1200
Passband Limit 2 λ_{p2} (nm): 1200
Index of Refraction n_d: 1.56
Spectral Transmittance t_p (%): 97
Stopband Limit λ_s(nm): 700
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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