

SCHOTT RG850, 50mm Sq., 3mm Thick, Colored Glass Longpass Filter

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1



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Dimensions (mm):

50.0 x 50.0

Cut-On Wavelength (nm):

850.00 ±9

Density (g/cm³): 2.93
Glass/Filter Number: SCHOTT RG850
Length (mm): 50.00
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_{ip} (%): 97
Stopband Limit λ_s(nm): 700
Surface Quality: 60-40
Transformation Temperature (°C): 554
Thickness (mm): 3.00 ±0.2
Type: Longpass Filter
Wavelength: IR
Width (mm): 50.00
Dimensional Tolerance (mm): ±0.2
Reflection Factor P_d: 0.91
Bevel: Protective as needed

Regulatory Compliance

RoHS 2015: Exempt
Certificate of Conformance: View