

SCHOTT RG830, 50mm Sq., 3mm Thick, Colored Glass Longpass Filter

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Dimensions (mm):
50.0 x 50.0

Cut-On Wavelength (nm):
830.00 ±9

Density (g/cm³): 2.94
Glass/Filter Number: SCHOTT RG830
Length (mm): 50.00
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_{ip} (%): 97
Stopband Limit λ_s (nm): 670
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