

3.0mm Dia. x 9.0mm FL, Telecom-NIR Coated, Plano-Convex Lens



Stock **#45-978** CLEARANCE 3-5 DAYS

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Diameter (mm):
3.00 +0.00/-0.05

Effective Focal Length EFL (mm):
9.00 @ 587.6nm

Back Focal Length BFL (mm):
8.01

Coating:
Telecom-NIR

Coating Specification:
R_{abs} ≤0.25% @ 1295 - 1325nm

R _{abs} ≤0.25% @ 1535 - 1565nm R _{avg} ≤0.25% @ 1200 - 1600nm
Substrate: N-BK7
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 1.50 ±0.05
Edge Thickness ET (mm): 1.25
Radius R ₁ (mm): 4.65
Clear Aperture CA (mm): 2.7
f/#: 3.00
Numerical Aperture NA: 0.17
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 1200 - 1600

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View