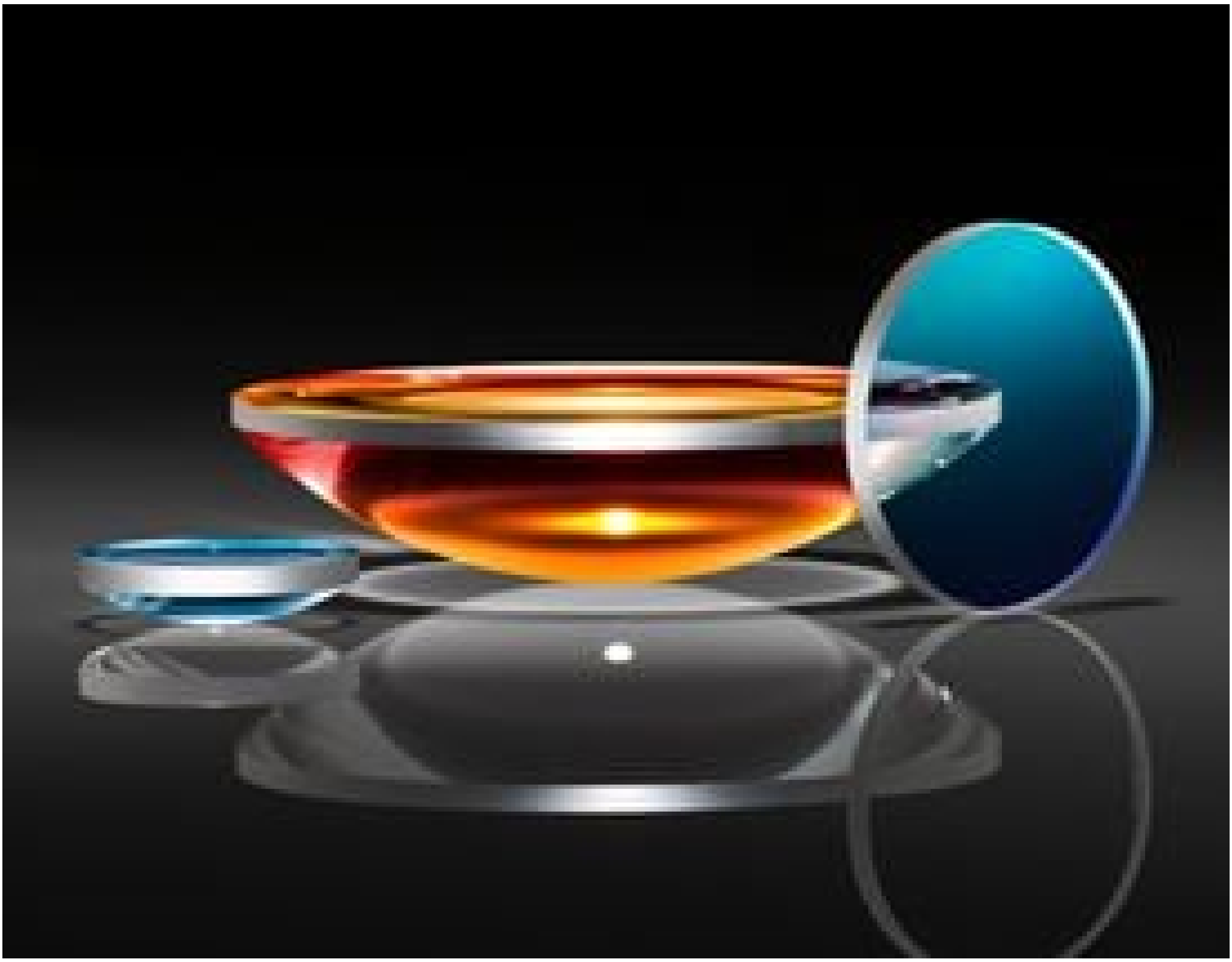
TECHSPEC 12mm Dia. x 40mm FL UV-VIS Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses

Stock **#48-818** 3-5 DAYS

- 1 + **A$224.00**

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Qty 1-5
A$224.00

Qty 6+
A$179.20

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CUSTOM OPTIONS

Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
40.00 @587.6nm

Back Focal Length BFL (mm):
37.85

Coating:
UV-VIS (250-700nm)

Coating Specification:
R_{abs} ≤1.0% @ 350 - 450nm
R_{avg} ≤1.5% @ 250 - 700nm

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Focal Length Tolerance (%):
±1

Centering (arcmin):
<1

Center Thickness CT (mm):
3.13 ±0.05

Edge Thickness ET (mm):
2.12

Radius R_1 (mm):
18.34

Clear Aperture CA (mm):
11

f/#:
3.33

Numerical Aperture NA:
0.15

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
250 - 700

Damage Threshold, Reference:
3 J/cm^2 @ 355nm, 10ns
5 J/cm^2 @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant