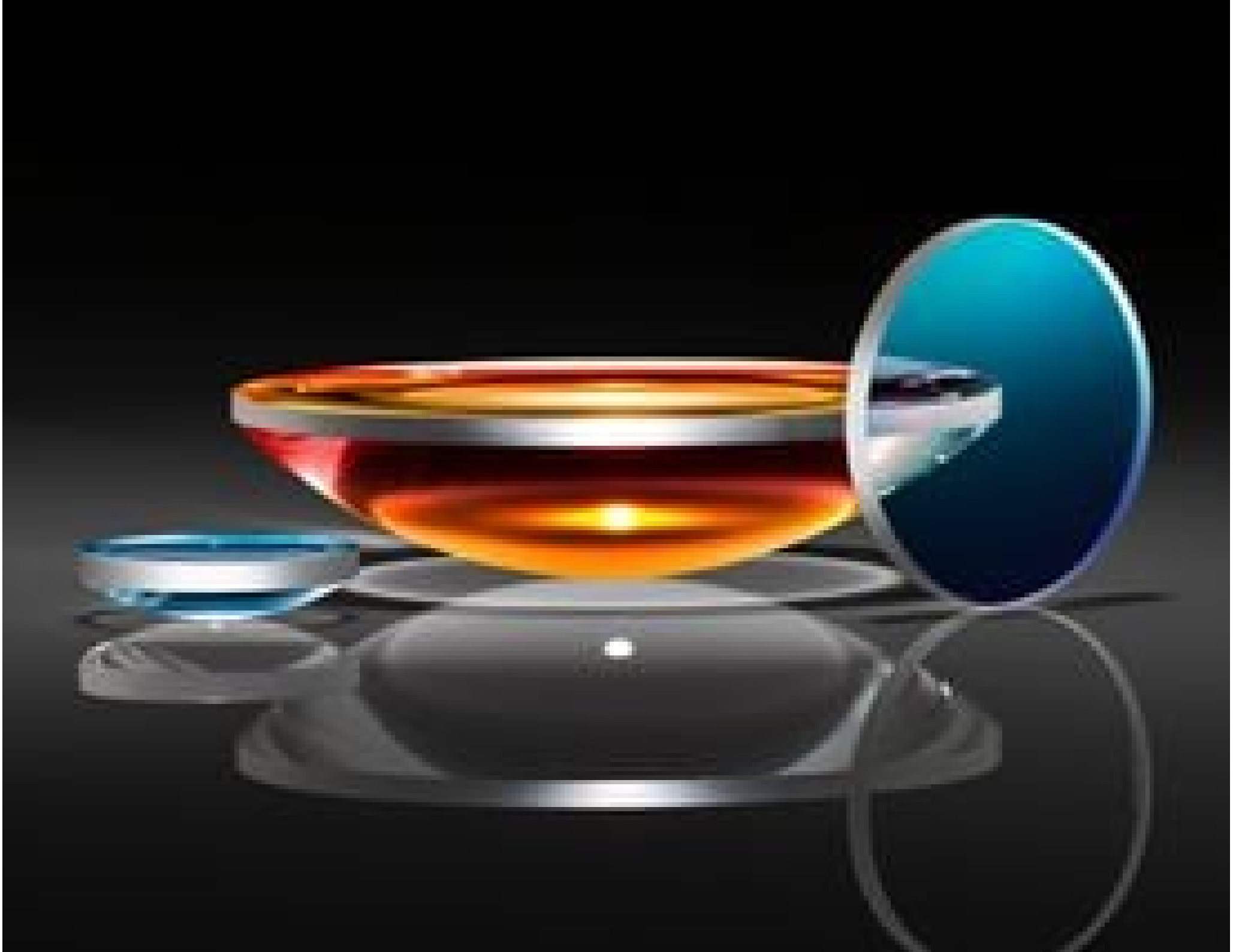
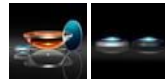


TECHSPEC® 30mm Dia. x 90mm FL, YAG-BBAR Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #18-243 3-4 DAYS

1 **€187,50**

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Qty 1-5

€187,50

Qty 6+

€150,00

Volume Pricing

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Diameter (mm):
30.00 -0.025

Effective Focal Length EFL (mm):
90.00 @ 587.6nm

Back Focal Length BFL (mm):
86.57

Coating:
YAG-BBAR (500-1100nm)

Coating Specification:
R_{abs} <0.25% @ 532nm
R_{abs} <0.25% @ 1064nm
R_{avg} <1.0% @ 500 - 1100nm

Substrate:
[Fused Silica](#) (Corning 7980)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
3 Rings

Irregularity (P-V) @ 632.8nm:
0.5 Rings

Focal Length Tolerance (%):
±1

Centering (arcmin):
<1

Center Thickness CT (mm):
5.00 ±0.10

Edge Thickness ET (mm):
2.18

Radius R₁ (mm):
41.26

Clear Aperture CA (mm):
28.5

f#:
3

Numerical Aperture NA:
0.17

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
500 - 1100

Damage Threshold, By Design:
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)