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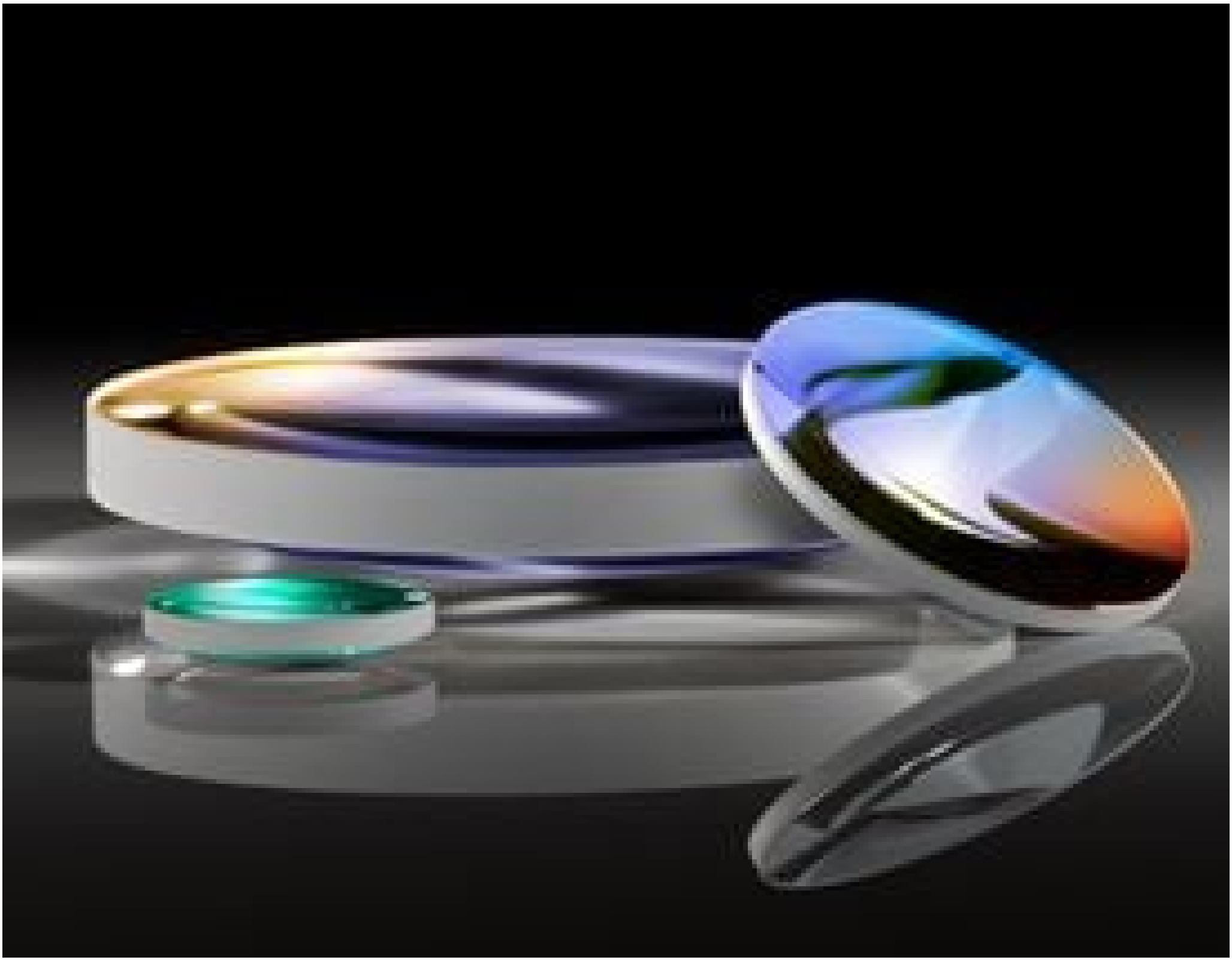
# TECHSPEC® 30.0mm Dia. x 75.0mm FL, YAG-BBAR Coated Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses

Stock **#88-908** CONTACT US

Other Coating Options

- 1 + **£45.05**

ADD TO CART

| Qty 1-9 |
| --- |
| **£45.05** |

| Qty 10+ |
| --- |
| **£40.59** |

| Volume Pricing |
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Prices shown are exclusive of VAT/local taxes

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**Diameter (mm):**
30.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**
75.00 @ 587.6nm

**Back Focal Length BFL (mm):**
70.95

**Coating:**
YAG-BBAR (500-1100nm)

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

**Substrate:**
N-BK7

**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):**
6.10 ±0.10

**Edge Thickness ET (mm):**
3.08

**Radius $R_1$ (mm):**
38.76

**Clear Aperture CA (mm):**
29

**f/#:**
2.5

**Numerical Aperture NA:**
0.20

**Type:**
Plano-Convex Lens

**Bevel:**
Protective bevel as needed

**Wavelength Range (nm):**
500 - 1100

**Damage Threshold, By Design:**
5 J/cm$^2$ @ 532nm, 10ns

## Regulatory Compliance

**RoHS 2015:**
Compliant

**Certificate of Conformance:**
View

**Reach 235:**
Compliant