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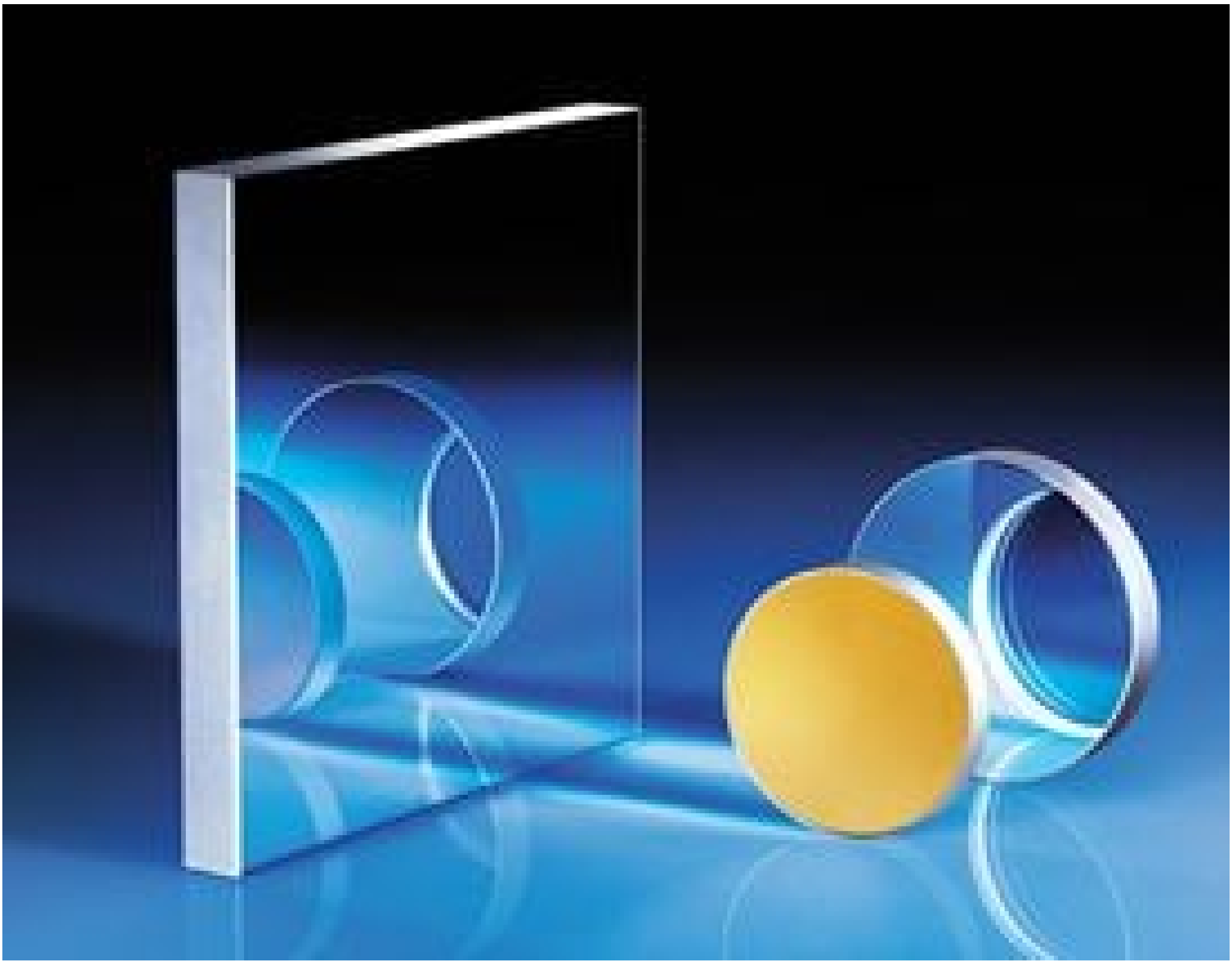
# TECHSPEC® 6.35mm Dia Silver, 4-6λ Mirror



Stock **#89-466** CONTACT US

- 1 + **A$53**.60

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| Volume Pricing | |
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| Qty 1-5 | **A$53.60** each |
| Qty 6-25 | **A$40.00** each |
| Qty 26-99 | **A$38.40** each |
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## General

**Type:**

Flat Mirror

## Physical & Mechanical Properties

**Diameter (mm):**

6.35 ±0.25

**Thickness (mm):**

2.00 nominal

**Clear Aperture CA (mm):**
5.35

**Dimensional Tolerance (mm):**
±0.25

**Edges:**
Ground, 0.5mm Maximum Edge Chip

## Optical Properties

**Coating Type:**
Metal

**Coating:**
Protected Silver (450-10000nm)

**Surface Flatness (P-V):**
4 - 6λ

**Wavelength Range (nm):**
450 - 10000

**Substrate:**
Float Glass

**Coating Specification:**
$R_{avg}$ >98% @ 450 - 2000nm
$R_{avg}$ >98% @ 2000 - 10,000nm

**Surface Quality:**
60-40

**Damage Threshold, Reference:**
0.5 J/cm$^2$ @ 532nm & 1064nm, 10ns

## Regulatory Compliance

**RoHS 2015:**
Compliant

**Certificate of Conformance:**
View

**Reach 247:**
Compliant

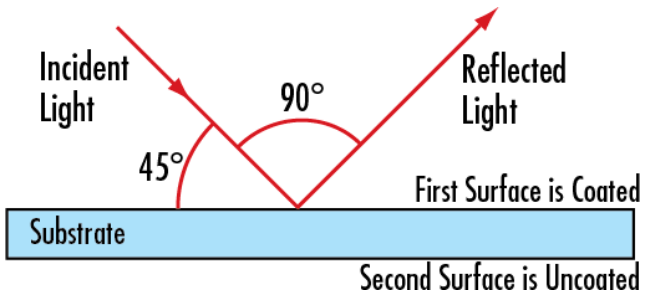
# Product Details

- Wide Variety of Shapes and Sizes Available
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings for high reflectivity from 450-10000nm
- Contact Us for Custom Sizes

TECHSPEC® First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The mirrors are available in enhanced aluminum, protected gold, and protected silver coatings for high reflectivity from 450-10000nm. The coated surface should be oriented to reflect incident light. TECHSPEC First Surface Mirrors are offered in circular, square, and rectangular dimensions. First surface mirrors are ideal for applications requiring the mirror to be mounted at 45° in order to produce a 90° bend in the light path. These first surface mirrors easily mount into a range of optical mounts to facilitate application integration.

Note: A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

# Technical Information




## Coating Curves

## Compatible Mounts

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