

[All Products](#) / [Optics](#) / [Optical Mirrors](#) / [Off-Axis Mirrors](#)
TECHSPEC®

High Performance Fused Silica Off-Axis Parabolic (OAP) Mirrors



- High Quality Fused Silica Substrate
- <10Å Surface Roughness for Low Scatter
- 90° Offset Angle for Easy Integration

Common Specifications

Physical & Mechanical Properties

Diameter (mm):	12.70 +0/-0.10	Surface Roughness (Å):	<10 RMS
Clear Aperture (%):	90	Y Offset (mm):	50.80

Optical Properties

Effective Focal Length EFL (mm):	50.80	Focal Length Tolerance (%):	±1
Off-Set Angle (°):	90	Parent Focal Length PFL (mm):	25.4
Surface Figure, RMS:	$\lambda/8$ @ 632.8nm	Surface Quality:	40-20
Substrate:	UV Fused Silica	Reflected Wavefront, RMS:	$\lambda/4$ @ 632.8nm

Technical Information

Products

Dia. (mm)	EFL (mm)	Coating	Stock Number	Price	Buy
12.70	50.80	Uncoated	#18-658	A\$1,244.24	20+ In Stock
12.70	50.80	VIS	#18-670	A\$1,326.64 Volume Pricing	14 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100
[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :
www.edmundoptics.com