

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

TECHSPEC®

Ultrafast-Enhanced Silver Coated Off-Axis Parabolic (OAP) Mirrors



- Ultrafast-Enhanced Silver Coating for Ti:sapphire and Yb:doped Lasers
- Low Group Delay Dispersion
- <50Å RMS Surface Roughness to Minimize Scatter

Common Specifications

Physical & Mechanical Properties

Surface Roughness (Å):	<50 RMS
------------------------	---------

Optical Properties

Focal Length Tolerance (%)	±1
----------------------------	----

Coating Type:	Ultrafast-Enhanced Silver
---------------	---------------------------

Off-Set Angle (°):	90
--------------------	----

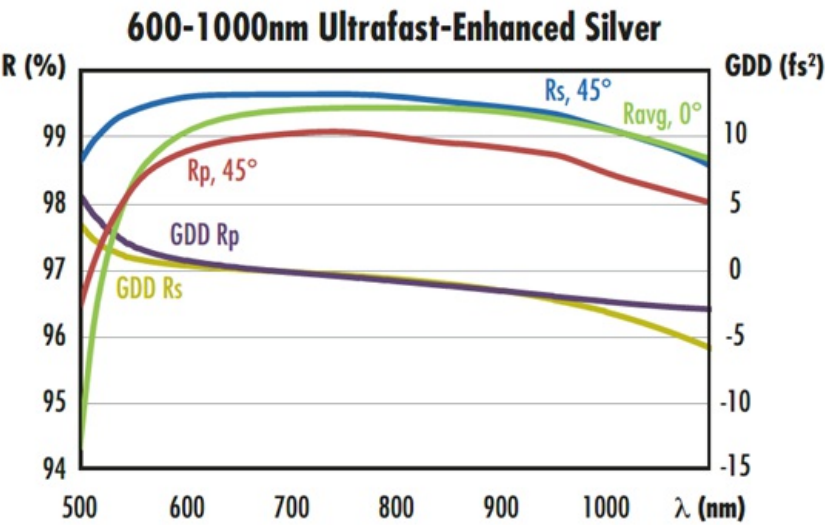
Surface Figure, RMS:	$\lambda/8$
----------------------	-------------

Surface Quality:	80-50
------------------	-------

Substrate:	Aluminum 6061-T6
------------	------------------

Reflected Wavefront, RMS:	$\lambda/4$
---------------------------	-------------

Technical Information



600-1000nm Ultrafast-Enhanced Silver

Products

Dia. (mm)	EFL (mm)	Radius of Curvature (mm)	Coating	Off- Set Angle (°)	Surface Roughness (Å)	Stock Number	Price	Buy
12.70	12.70	12.70	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-133	S\$469.00 Volume Pricing	4 In Stock
12.70	25.40	25.40	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-134	S\$469.00 Volume Pricing	3 In Stock
12.70	203.20	203.20	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-138	S\$469.00 Volume Pricing	4 In Stock
25.40	25.40	25.40	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-139	S\$492.80 Volume Pricing	4 In Stock
25.40	50.80	50.80	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-140	S\$492.80 Volume Pricing	3 In Stock
25.40	203.20	203.20	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-146	S\$492.80 Volume Pricing	Contact Us
50.80	50.80	50.80	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-147	S\$834.40 Volume Pricing	6 In Stock
50.80	190.60	190.60	Ultrafast- Enhanced Silver (600- 1000nm)	90	<50 RMS	#17-152	S\$834.40 Volume Pricing	5 In Stock

12.70	12.70	12.70	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-598	S\$469.00 Volume Pricing	4 In Stock
12.70	25.40	25.40	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-599	S\$469.00 Volume Pricing	5 In Stock
12.70	203.20	203.20	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-600	S\$469.00 Volume Pricing	10 In Stock
25.40	25.40	25.40	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-601	S\$492.80 Volume Pricing	4 In Stock
25.40	50.80	50.80	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-602	S\$492.80 Volume Pricing	12 In Stock
25.40	203.20	203.20	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-603	S\$492.80 Volume Pricing	2 In Stock
50.80	50.80	50.80	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-604	S\$834.40 Volume Pricing	5 In Stock
50.80	190.60	190.60	Ultrafast-Enhanced Silver (800 - 1150nm)	90	<50 RMS	#25-605	S\$834.40 Volume Pricing	10 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