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# UltraFast Innovations (UFI) EUV/XUV Attosecond Multilayer Mirrors

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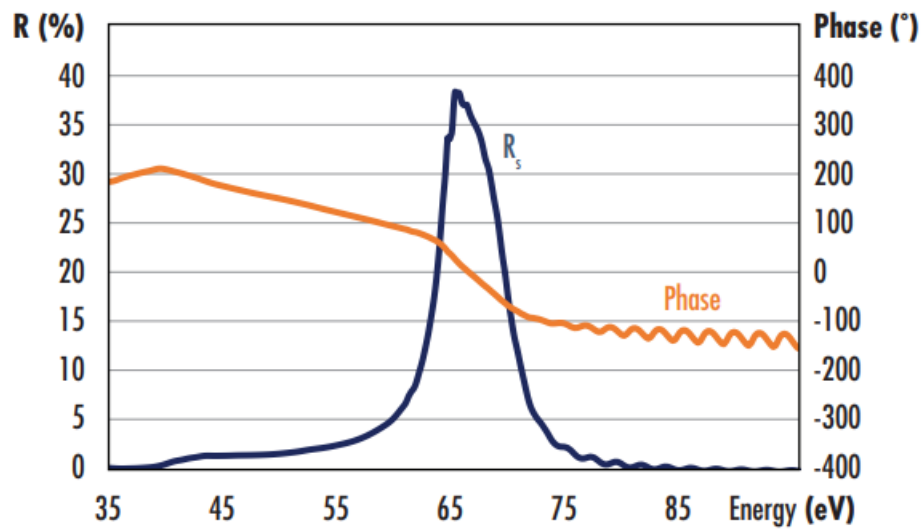
- Designed for 330 Attosecond Pulses @ 65eV (19nm)
- Multilayer Coating with 38% Peak Reflectivity
- $\leq 1\text{\AA}$  (Angstrom) Surface Roughness Superpolished Substrates
- [EUV Flat Mirrors](#) and [EUV Spherical Mirrors](#) Designed at 13.5nm Also Available
- No Minimum Order Quantities, No Coating Lot Charges
- [Platinum-Level 2022 Laser Focus World \(LFW\) Innovators Award](#)

# Common Specifications

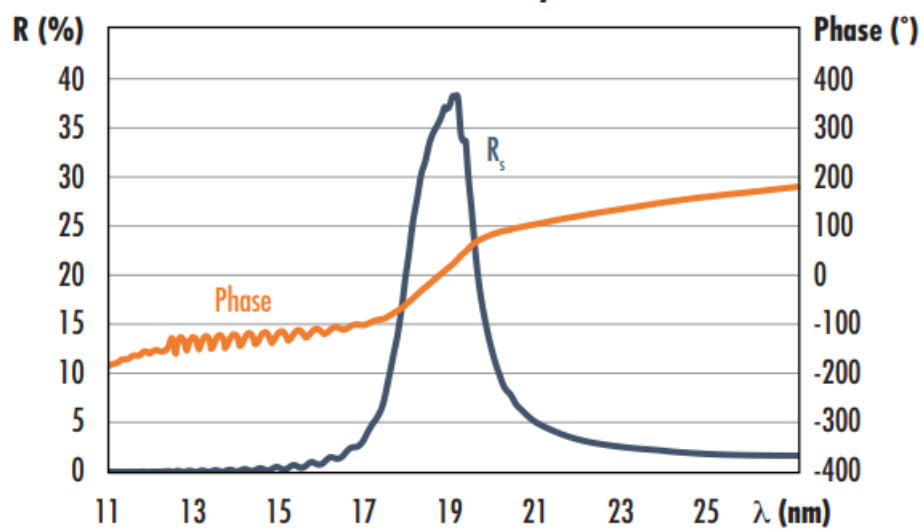
|                                  |                                             |                         |                      |
|----------------------------------|---------------------------------------------|-------------------------|----------------------|
| General                          |                                             |                         |                      |
| Supported Pulse Duration:        | 330 attoseconds                             | Model Number:           | XUV65BW6             |
| Physical & Mechanical Properties |                                             |                         |                      |
| Diameter (mm):                   | 25.40 ±0.13                                 | Back Surface:           | Commercial Polish    |
| Clear Aperture (%):              | 80                                          | Edges:                  | Fine Ground          |
| Surface Roughness (Å):           | <1                                          | Edge Thickness ET (mm): | 6.35 ±0.20           |
| Optical Properties               |                                             |                         |                      |
| Substrate:                       | <a href="#">Fused Silica</a> (Corning 7980) | Coating Specification:  | Rs > 38% @ 65eV/19nm |
| Coating:                         | EUV Multilayer (19nm)                       | Angle of Incidence (°): | 5                    |
| Design Wavelength DWL (nm):      | 19                                          | Reflection at DWL (%):  | >38                  |
| Electrical                       |                                             |                         |                      |
| Center Energy (eV):              | 65 ±2                                       | Bandwidth (eV):         | 6                    |

## Technical Information

### EUV Attosecond Multilayer Mirrors



### EUV Attosecond Multilayer Mirrors



## Products

| Title                                                                                 | Stock Number            | Price     | Buy        |
|---------------------------------------------------------------------------------------|-------------------------|-----------|------------|
| 25.4mm Dia., 19nm (65eV), 5° EUV/XUV Attosecond Multilayer Flat Mirror                | <a href="#">#16-765</a> | £1,930.48 | 4 In Stock |
| 25.4mm Dia. x 250mm EFL, 19nm (65eV), 5° EUV/XUV Attosecond Multilayer Concave Mirror | <a href="#">#16-766</a> | £1,930.48 | 2 In Stock |
| 25.4mm Dia. x 500mm EFL, 19nm (65eV), 5° EUV/XUV Attosecond Multilayer Concave Mirror | <a href="#">#16-767</a> | £1,930.48 | 2 In Stock |



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