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TECHSPEC®

Vega® Broadband Beam Expanders



- AR Coated for Broadband Tunable Laser Sources
- Fixed Magnifications Available from 1.5X to 20X
- Divergence Adjustable through Rotating Optical Design

Common Specifications

Optical Properties

|                         |                 |                             |           |
|-------------------------|-----------------|-----------------------------|-----------|
| Angle of Incidence (°): | 0               | Design Wavelength DWL (nm): | Broadband |
| Divergence Adjustment:  | Rotating Optics |                             |           |

**Technical Information**

## Products

| Wavelength Range (nm) | Expansion Power | Entrance Aperture (mm) | Exit Aperture (mm) | Substrate                    | Stock Number            | Price                                     | Buy         |
|-----------------------|-----------------|------------------------|--------------------|------------------------------|-------------------------|-------------------------------------------|-------------|
| 250 - 532             | 1.5X            | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#12-876</a> | €473,80<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 250 - 532             | 2X              | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#39-725</a> | €473,80<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 250 - 532             | 3X              | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#39-726</a> | €473,80<br><a href="#">Volume Pricing</a> | 3 In Stock  |
| 250 - 532             | 4X              | 7.5                    | 26                 | <a href="#">Fused Silica</a> | <a href="#">#19-405</a> | €473,80                                   | 1 In Stock  |
| 250 - 532             | 5X              | 7.1                    | 25.5               | <a href="#">Fused Silica</a> | <a href="#">#39-727</a> | €602,55<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 250 - 532             | 7X              | 7.1                    | 25.5               | <a href="#">Fused Silica</a> | <a href="#">#39-732</a> | €602,55<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 250 - 532             | 10X             | 5.45                   | 25.5               | <a href="#">Fused Silica</a> | <a href="#">#39-733</a> | €602,55<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 250 - 532             | 20X             | 4.5                    | 31.5               | <a href="#">Fused Silica</a> | <a href="#">#39-734</a> | €932,15<br><a href="#">Volume Pricing</a> | 14 In Stock |
| 500 - 1090            | 1.5X            | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#12-877</a> | €442,90<br><a href="#">Volume Pricing</a> | 3 In Stock  |
| 500 - 1090            | 2X              | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#39-736</a> | €442,90<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 500 - 1090            | 3X              | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#39-737</a> | €442,90<br><a href="#">Volume Pricing</a> | 7 In Stock  |
| 500 - 1090            | 4X              | 7.5                    | 26                 | <a href="#">Fused Silica</a> | <a href="#">#19-406</a> | €442,90                                   | 1 In Stock  |
| 500 - 1090            | 5X              | 7.1                    | 25.5               | <a href="#">Fused Silica</a> | <a href="#">#39-738</a> | €561,35<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 500 - 1090            | 7X              | 7.1                    | 25.5               | <a href="#">Fused Silica</a> | <a href="#">#39-739</a> | €561,35<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 500 - 1090            | 10X             | 5.45                   | 25.5               | <a href="#">Fused Silica</a> | <a href="#">#39-740</a> | €561,35<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 500 - 1090            | 20X             | 4.5                    | 31.5               | <a href="#">Fused Silica</a> | <a href="#">#39-741</a> | €906,40<br><a href="#">Volume Pricing</a> | 3 In Stock  |
| 1030 - 1550           | 1.5X            | 8                      | 23                 | <a href="#">Fused Silica</a> | <a href="#">#12-878</a> | €442,90<br><a href="#">Volume Pricing</a> | 3 In Stock  |

|             |     |      |      |                              |                         |                                           |            |
|-------------|-----|------|------|------------------------------|-------------------------|-------------------------------------------|------------|
| 1030 - 1550 | 2X  | 8    | 23   | <a href="#">Fused Silica</a> | <a href="#">#39-742</a> | €442,90<br><a href="#">Volume Pricing</a> | 3 In Stock |
| 1030 - 1550 | 3X  | 8    | 23   | <a href="#">Fused Silica</a> | <a href="#">#39-743</a> | €442,90<br><a href="#">Volume Pricing</a> | 5 In Stock |
| 1030 - 1550 | 4X  | 7.5  | 26   | <a href="#">Fused Silica</a> | <a href="#">#19-407</a> | €442,90                                   | 3 In Stock |
| 1030 - 1550 | 5X  | 7.1  | 25.5 | <a href="#">Fused Silica</a> | <a href="#">#39-744</a> | €561,35<br><a href="#">Volume Pricing</a> | 3 In Stock |
| 1030 - 1550 | 7X  | 7.1  | 25.5 | <a href="#">Fused Silica</a> | <a href="#">#39-745</a> | €561,35<br><a href="#">Volume Pricing</a> | 2 In Stock |
| 1030 - 1550 | 10X | 5.45 | 25.5 | <a href="#">Fused Silica</a> | <a href="#">#39-746</a> | €561,35<br><a href="#">Volume Pricing</a> | 3 In Stock |
| 1030 - 1550 | 20X | 4.5  | 31.5 | <a href="#">Fused Silica</a> | <a href="#">#39-747</a> | €906,40<br><a href="#">Volume Pricing</a> | Contact Us |
| 1900 - 2100 | 2X  | 10   | 23   | <a href="#">Fused Silica</a> | <a href="#">#37-357</a> | €782,80<br><a href="#">Volume Pricing</a> | 1 In Stock |
| 1900 - 2100 | 3X  | 10   | 23   | <a href="#">Fused Silica</a> | <a href="#">#37-341</a> | €782,80<br><a href="#">Volume Pricing</a> | 2 In Stock |
| 1900 - 2100 | 2X  | 10   | 23   | <a href="#">Fused Silica</a> | <a href="#">#37-376</a> | €654,05<br><a href="#">Volume Pricing</a> | 3 In Stock |
| 1900 - 2100 | 3X  | 10   | 23   | <a href="#">Fused Silica</a> | <a href="#">#37-377</a> | €654,05<br><a href="#">Volume Pricing</a> | 2 In Stock |



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