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**TECHSPEC® Draconis® Nd:YAG Laser Line Beam Expanders**



- AR Coated for Nd:YAG Laser Wavelengths: 532nm and 1064nm
- Fixed Magnifications Available from 3X to 10X
- Divergence Adjustable through Non-Rotating Optical Design for Reduced Beam Wander

**Common Specifications**

**Physical & Mechanical Properties**

|                        |    |
|------------------------|----|
| Housing Diameter (mm): | 46 |
|------------------------|----|

**Optical Properties**

|                         |                                             |                        |                     |
|-------------------------|---------------------------------------------|------------------------|---------------------|
| Angle of Incidence (°): | 0                                           |                        |                     |
| Exit Aperture (mm):     | 33                                          | Focus Range:           | 1.5m - ∞            |
| Substrate:              | <a href="#">Fused Silica</a> (Corning 7980) | Divergence Adjustment: | Non-Rotating Optics |

**Threading & Mounting**

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| Mounting Threads: | Input: Male C-Thread (1" x 32 TPI)<br>Output: Male T2-Thread (M42 x 0.75) |
|-------------------|---------------------------------------------------------------------------|

**Technical Information**

## Products

| DWL<br>(nm) | Expansion<br>Power | Wavelength<br>Range (nm) | Entrance<br>Aperture<br>(mm) | Exit<br>Aperture<br>(mm) | Substrate                        | Stock<br>Number         | Price   | Buy      |
|-------------|--------------------|--------------------------|------------------------------|--------------------------|----------------------------------|-------------------------|---------|----------|
| 532         | 3X                 | 510 - 555                | 11                           | 33                       | <a href="#">Fused<br/>Silica</a> | <a href="#">#59-125</a> | €880,00 | 3-4 days |
| 532         | 5X                 | 510 - 555                | 10                           | 33                       | <a href="#">Fused<br/>Silica</a> | <a href="#">#59-126</a> | €920,00 | 3-4 days |
| 532         | 10X                | 510 - 555                | 8                            | 33                       | <a href="#">Fused<br/>Silica</a> | <a href="#">#59-127</a> | €945,00 | 3-4 days |
| 1064        | 3X                 | 1030 - 1100              | 11                           | 33                       | <a href="#">Fused<br/>Silica</a> | <a href="#">#59-128</a> | €880,00 | 3-4 days |
| 1064        | 5X                 | 1030 - 1100              | 10                           | 33                       | <a href="#">Fused<br/>Silica</a> | <a href="#">#59-129</a> | €920,00 | 3-4 days |
| 1064        | 10X                | 1030 - 1100              | 8                            | 33                       | <a href="#">Fused<br/>Silica</a> | <a href="#">#59-130</a> | €945,00 | 3-4 days |



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