

## TSM25-10-LDX-B-632

The a|TopShape LongDistanceExtended is an innovative beam shaper that converts collimated Gaussian beams into collimated Top-Hat beams while guaranteeing stable beam profiles up to a working distance of at least 1.5 m. The beam profile can be shifted to large working distances of up to 3 m by adjusting the input beam diameter. Since the effective working distance decreases as the beam size is reduced, a|TopShape LDX is particularly suitable for applications requiring smaller beam diameters.

### Key Benefits:

- = Design wavelength: 632 nm, usable wavelength range: 530 - 800 nm
- = Unbeatable optical performance (homogeneity > 90%) without any power losses
- = Large spectral range and ideal for multi-wavelength applications
- = Accepts varying input beam diameter ( $\pm 10\%$ )
- = Input beam diameter @  $1/e^2 = 10 - 10.4$  mm;  
output beam diameter @ FWHM = 15.5 - 14.9 mm
- = Laser induced damage threshold: 12 J/cm<sup>2</sup>, 100 Hz, 6 ns, 532 nm  
*For higher laser power applications please request a V-Coating.  
Contact us for an individual offer.*



### Technical Dimensions:

