

TSM25-10-LDX-C-1064

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: 1064 nm, usable wavelength range: 950 - 1490 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 = 15.4 mm
- = Laser induced damage threshold: 12 J/cm², 100 Hz, 6 ns, 532 nm
*For higher laser power applications please request a V-Coating.
Contact us for an individual offer.*



Technical Dimensions:

