a|AspheriColl

ACM25-20-L-Y-355

The a|AspheriColl is an adjustable fiber collimation device, which enables the perfect connection of FC/PC patch fibers to your set-up. Combine the world's smartest off-the-shelf fiber collimator for NA's up to 0.275 with BeamTuning or other beam shaping elements to obtain any desired output beam while maintaining a diffraction-limited wavefront.

Key Benefits:

= Design wavelength: 355 nm, usable wavelength range: 350 - 405 nm

= Focal length: f = 20 mm, with $Ø_e$ = 11.5 mm

= Also available design wavelengths [532 nm / 632 nm / 780 nm / 1064 nm]

= Simplified wavelength adaption by setting adjustment unit with SW2 allen key

= Completely diffraction-limited performance (Strehl > 0.95) when used with FC/PC patch fibers

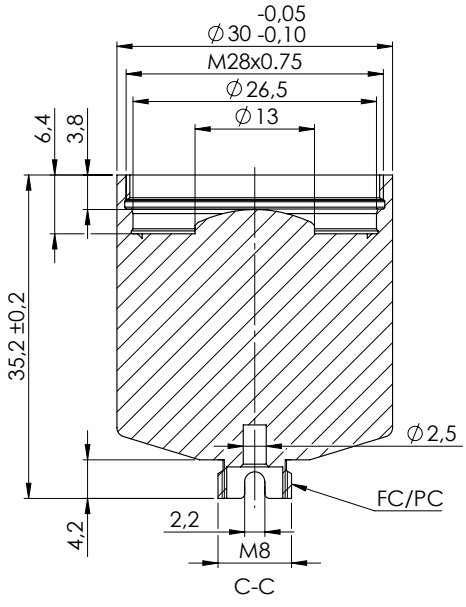
= Thanks to matching adapters also usable for APC fibers

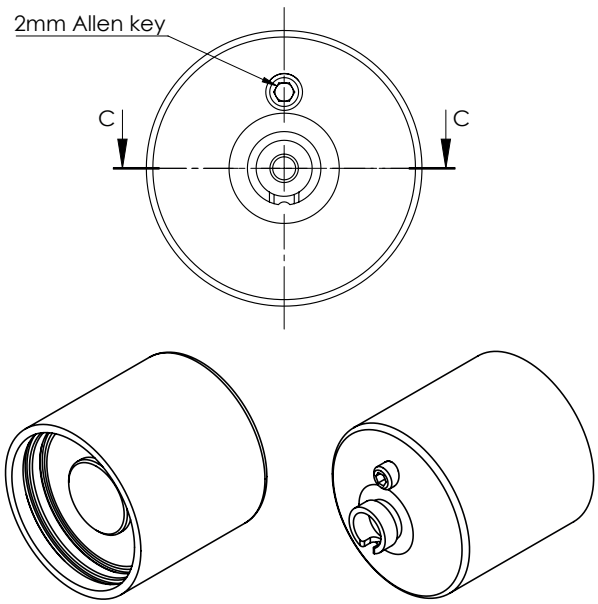
= No truncation effects compared to other available fiber couplers

= Thanks to bigger output beam diameters, no additional expansion might be needed (shorter system length)

= Laser induced damage threshold: 12J/cm², 100Hz, 6ns, 532nm
For higher laser power applications please request a V-Coating.
Contact us for an individual offer.

Technical Dimensions:





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