Visionen leben



SPA[™] AspheriColl

The SPA™ AspheriColl is an adjustable fiber collimation package and the latest addition of the SPA™ Beam Expander Kit.

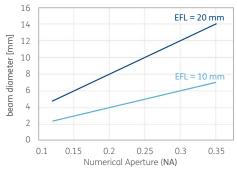
Coming

soon

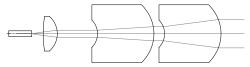
Choosing from the two available focal lengths the basic beam diameter is set as shown in the graph on the right. Combining this element with SPA[™] Beam Expanders generates any desired output beam diameter while maintaining a diffraction-limited wavefront.

Key benefits

- = Flexible choice of output beam diameter in combination with SPA™ Beam Expanders
- = Simple mounting to SPA[™] Beam Expanders via metric fine thread
- = Always perfectly aligned lateral position
- Completely diffraction-limited performance (Strehl
 0.95) when used with FC/PC patch fibers individually measured and guaranteed by an original asphericon certificate
- = Optimized for a wavelength range from 500 nm to 1600 nm



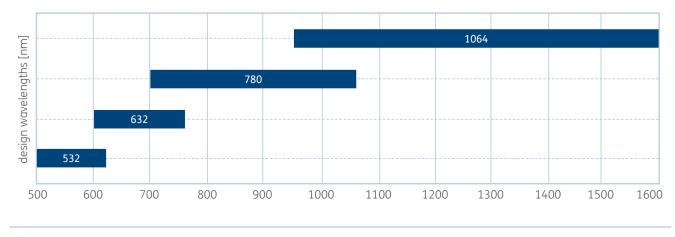
Collimation of output from single mode fiber with NA 0.12 to 0.35; pre-aligned for 532 nm, 632 nm, 780 nm and 1064 nm



Flexible choice of output beam diameter through combination with SPA™ Beam Expanders.

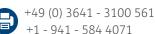


Adapt to wavelength by twisting the adjustable part.





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