

SWIR 17.7

Short Wave Infrared

With one of the highest resolution short-wave infrared lenses in industry, our SWIR offers unmatched performance for all night and infrared applications. Our in-stock lenses operate at 0.9-2.5 um wavelength industry standard with less than 2% distortion.



Custom solutions are available, please contact us for more details.

KEY FEATURES

- High Precision Focusing Locking Mechanism
- Excellent Infrared Coating Techniques
- Full Spectrum Aberration Correction
- Ultra-Broadband Antireflection Coatings
- Outstanding Spectral/Spatial Resolution
- Low Levels of Scattered or Stray Light

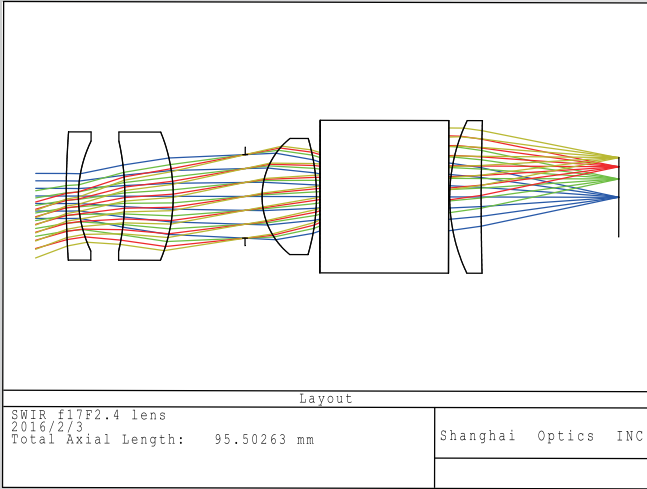
OPTICAL SPECIFICATIONS

EFFECTIVE FOCAL LENGTH	(MM)	17.7
TOTAL TRACK	(MM)	95.5
F/#		2.4
Paraxial Image Height	(MM)	6.5
FIELD OF VIEW	(HxV)	2/3" 28.24°x 21.24° 1/2" 20.60°x 15.48° 1/3" 15.48°x 11.62°
AR COATING	(nm)	1000-2500
MECHANICAL INTERFACE		C-MOUNT
OPERATING TEMPERATURE	(°)	-20 - + 40

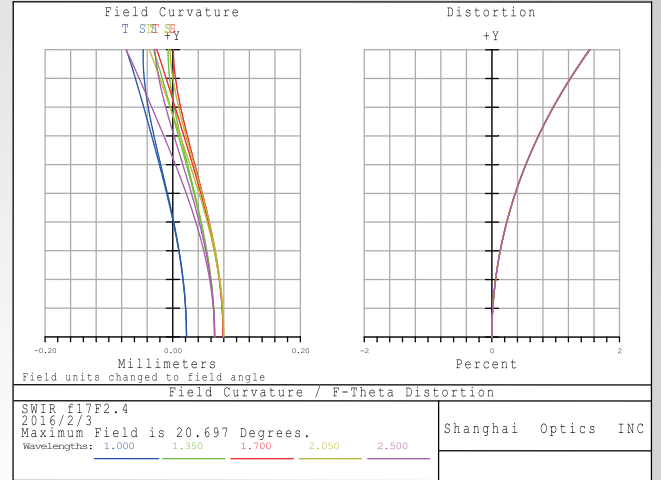
CONTACT

RFQ@SHANGHAI-OPTICS.COM
 US HEADQUARTERS
 17 BRANT AVE. SUITE #6
 PHONE: 732-321-6915

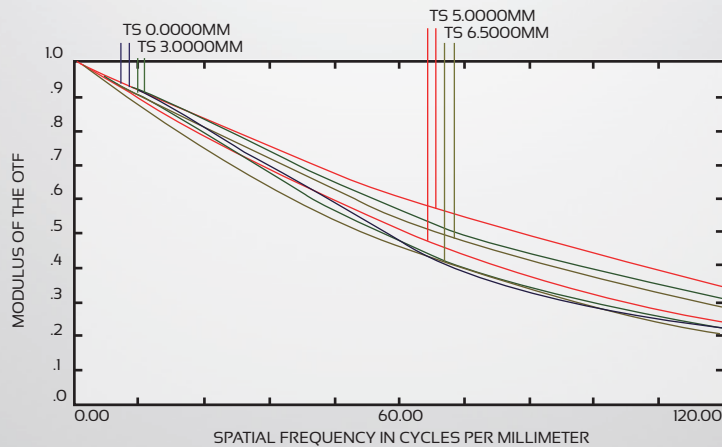
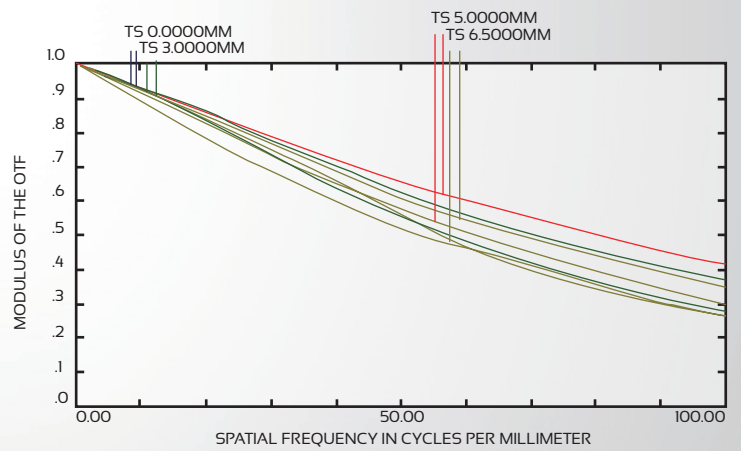
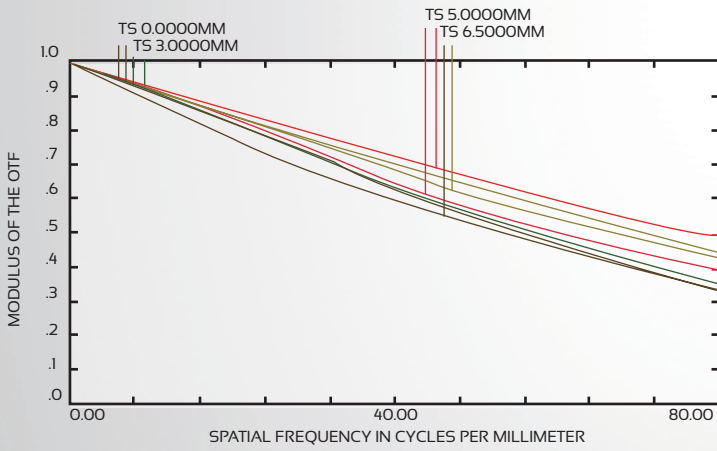
MIDWEST OFFICE
 PHONE: 970-744-3721



Optical Layout



F-Theta Distortion



MTF Chart @ 80/100/120 lp/mm