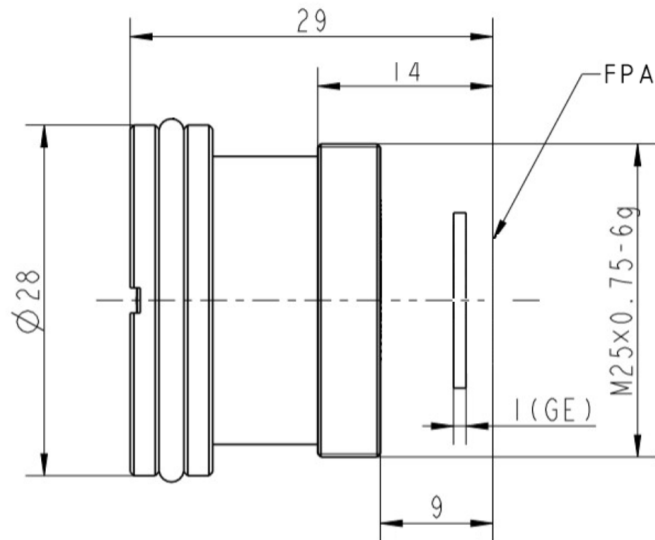


## GLA1910WA 19mm f/1.0 Athermalized Infrared Lens



HFOV	160x120	320x240	336x256	384x288	640x480	640x512
25µm	12°	23.8°	24.9°	28.4°		
17µm	8.2°	16.3°	17.1°	19.5°	32°	32°
12µm	5.8°	11.5°	12.1°	13.8°	22.9°	22.9°

### Optical

Focal Length	19mm
F/#	1.0
Wavelength	8-12µm

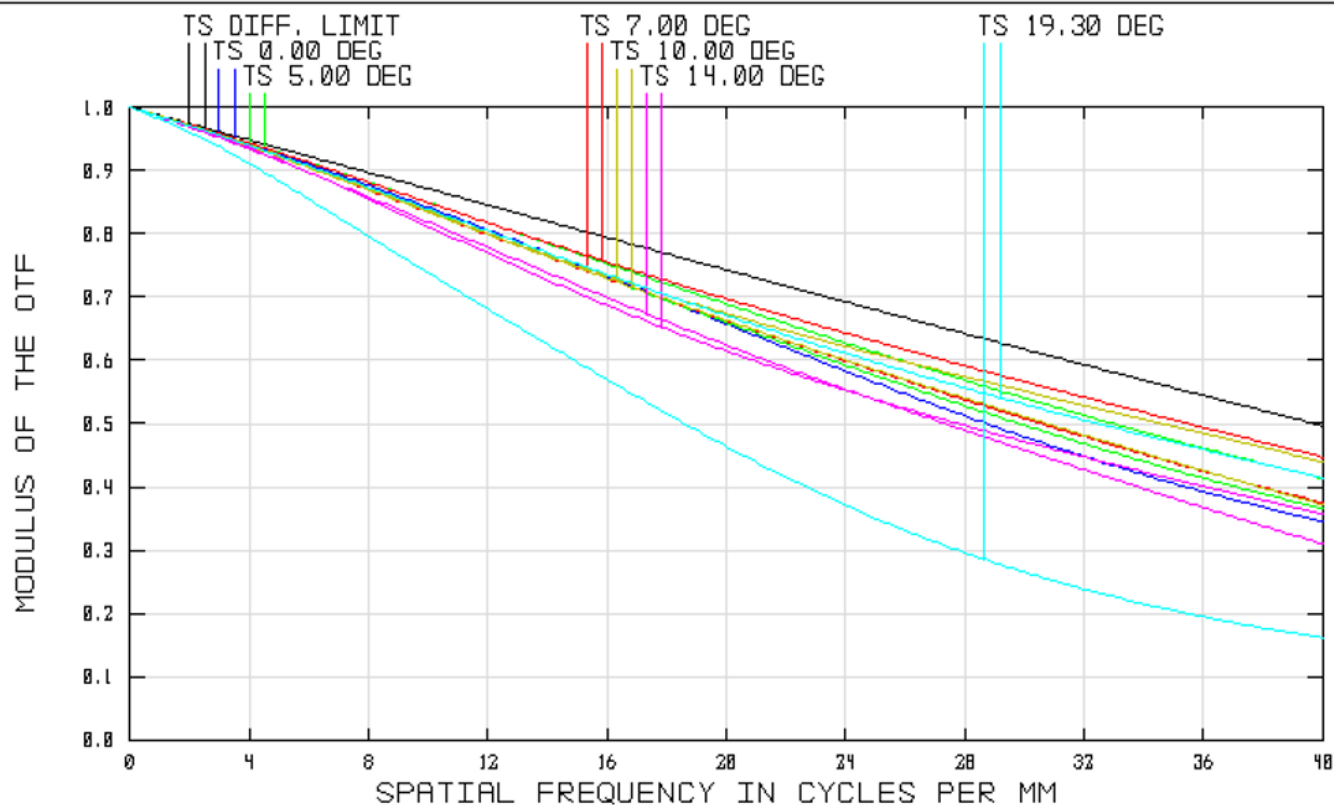
### Mechanical

Interface	Thread
Focus Mechanism	Fixed Athermalized
Dimensions (mm)	Ø28x20
Weight	< 30g

### Environmental

Sealing	IP 67
Operating Temperature	-40°C to +60°C
Storage Temperature	-45°C to +65°C
External Coating	HD

## MTF @ +20°C

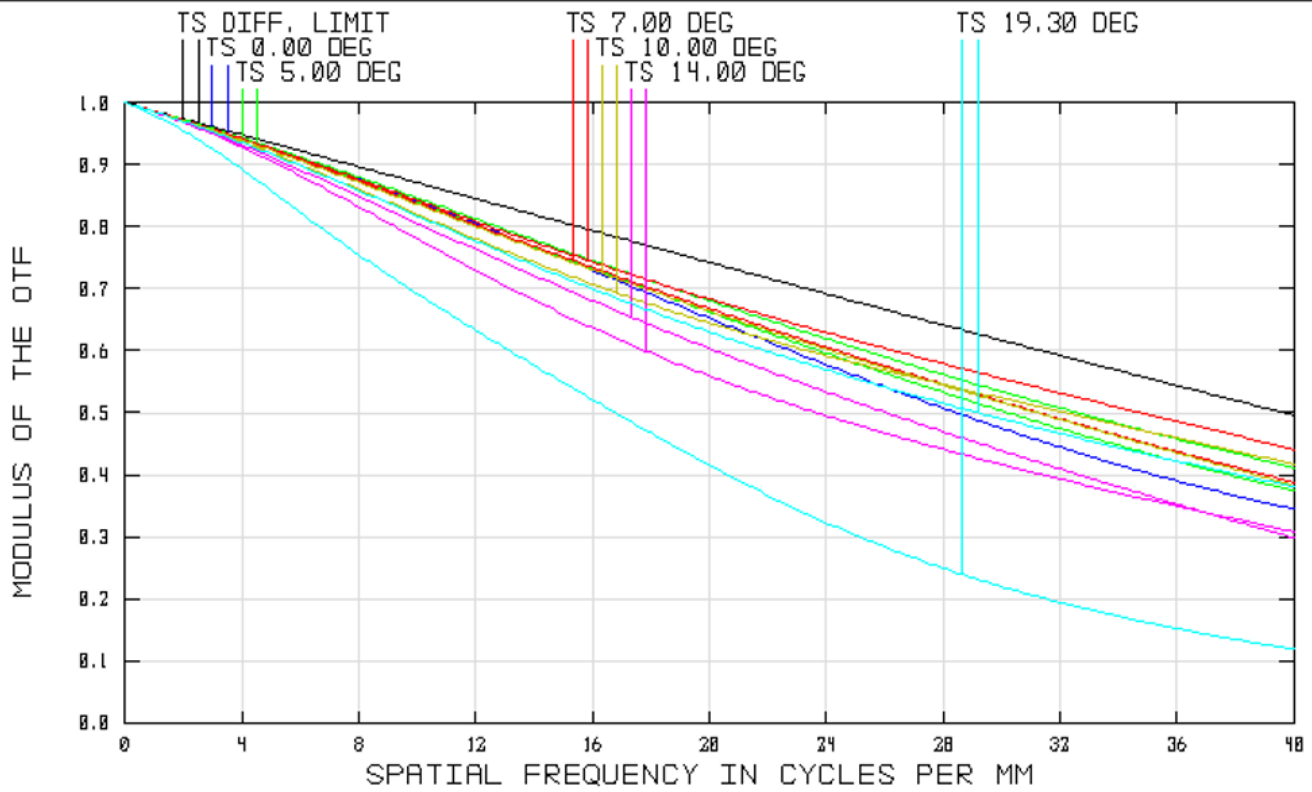


20°C

POLYCHROMATIC DIFFRACTION MTF

THU JUN 2 2022  
DATA FOR 8.0000 TO 12.0000  $\mu\text{m}$ .  
SURFACE: IMAGE

## MTF @ -40°C

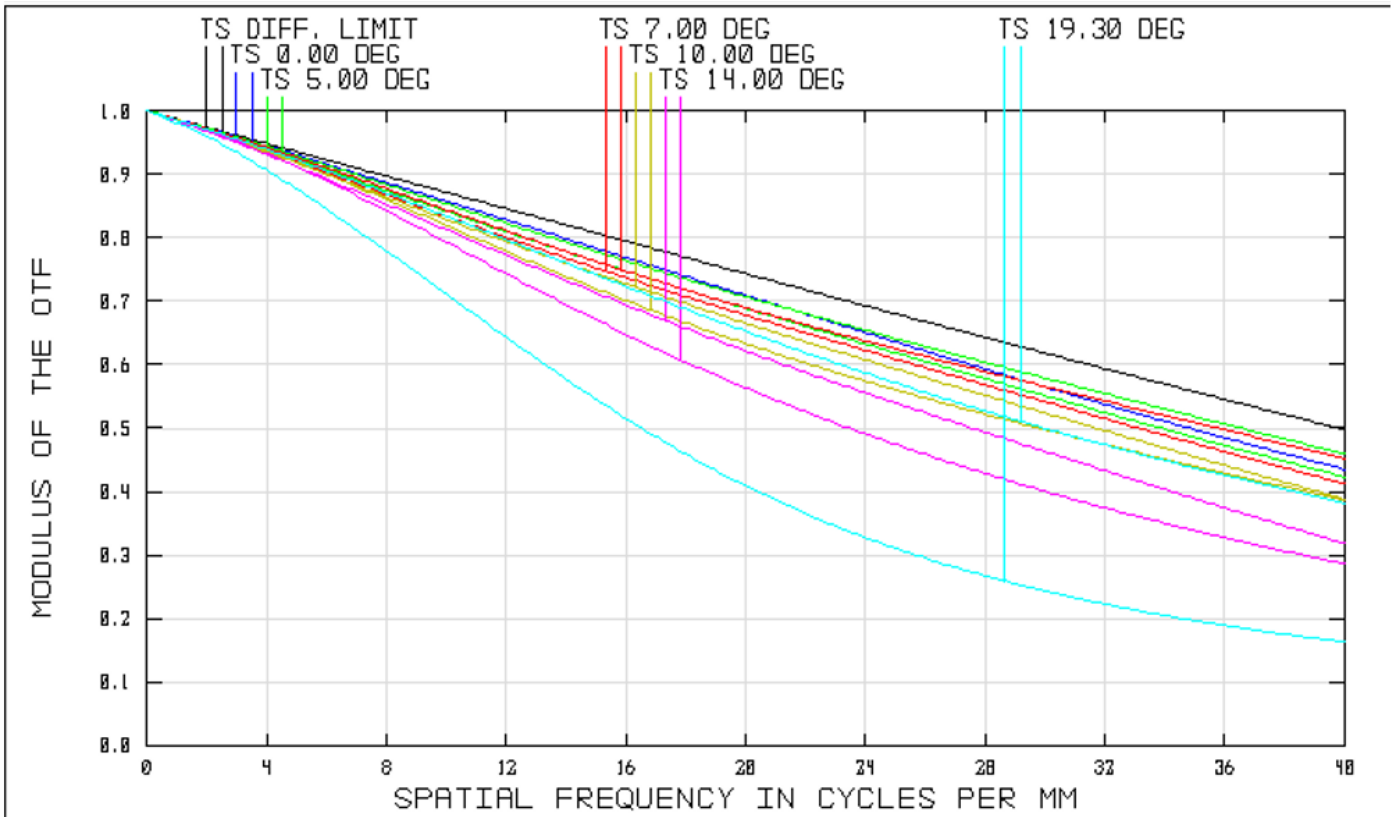


-40°C

POLYCHROMATIC DIFFRACTION MTF

THU JUN 2 2022  
DATA FOR 8.0000 TO 12.0000  $\mu$ m.  
SURFACE: IMAGE

## MTF @ +60°C



60°C

### POLYCHROMATIC DIFFRACTION MTF

THU JUN 2 2022  
DATA FOR 8.0000 TO 12.0000  $\mu\text{m}$ .  
SURFACE: TMAGF