



## KEY FEATURES

- Allows for testing of apertures up to 58mm
- Germanium coated lens provides use from 7 – 14  $\mu\text{m}$
- Software available for MTF / MRTD / NEDT characterization
- Refractive optics provide calibration in a compact differential blackbody
- IR target projection

Band Pass:	7-14 $\mu\text{m}$
Focal Length:	75.5 mm
Aperture:	58.1 mm

## LWC-58 COLLIMATOR

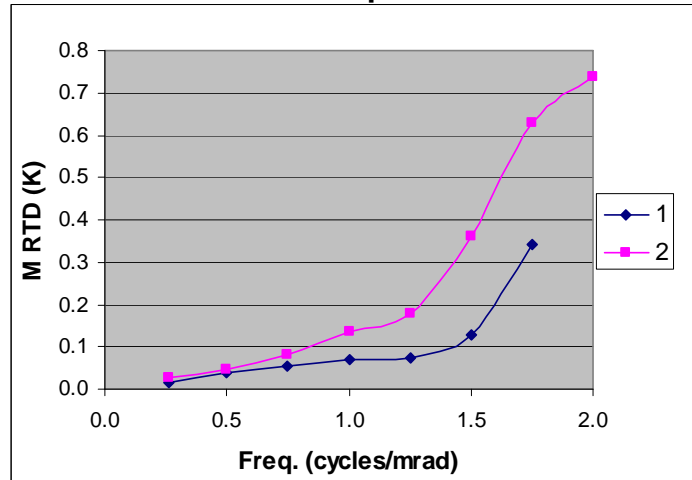
### Attachment for MRTD-50 Differential Blackbody

This collimator attachment allows infinity-focus testing of LWIR optics and cameras of apertures up to 58 mm. The instrument's germanium lens is coated for operation from 7–14  $\mu\text{m}$ . Optics for other wavebands may be furnished upon request.

The LWC-58 collimator provides the following bar pitches:

Bar Target Pitch	
Inch	mrad
0.020	6.728
0.024	8.074
0.048	16.148
0.122	41.044
0.428	143.99

## MRTD Comparison



A typical MRTD curve. System 1 can resolve frequencies at a smaller temperature difference than System 2.

Have a specific requirement outside the what we have described?  
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