

View Online at <https://aerobasegroup.com/nsn/6650-00-622-4989>

**Diameter:**

Between 1.447 inches and 1.450 inches

**Axial Thickness:**

0.300 inches and 0.120 inches

**Compound Lensaxial Thickness:**

0.420 inches

**Compound Lens Edge Thickness:**

0.301 inches

**Equivalent Focal Length:**

6.020 inches

**Back Focal Length:**

5.932 inches

**Front Focal Length:**

5.512 inches

**Refraction Index:**

1.5690 and 1.6890

**Abbe Constant:**

51.600 and 30.900

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus converging

**Element Left Surface Radius:**

-1.860 inches and 6.825 inches

**Element Right Surface Radius:**

-1.860 inches and 3.911 inches

**Material:**

Glass, optical, mil-g-174, class 1, grade c, form plates

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e