

View Online at <https://aerobasegroup.com/nsn/6650-00-520-4662>

**Diameter:**

2.047 inches

**Axial Thickness:**

0.358 inches and 0.260 inches

**Compound Lensaxial Thickness:**

0.619 inches

**Compound Lens Edge Thickness:**

0.438 inches

**Equivalent Focal Length:**

13.004 inches

**Back Focal Length:**

12.597 inches

**Front Focal Length:**

12.159 inches

**Refraction Index:**

1.5170 and 1.6170

**Abbe Constant:**

64.500 and 36.600

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

6.051 inches and -6.086 inches

**Element Right Surface Radius:**

-6.173 inches and -68.563 inches

**Material:**

Glass, optical, mil-g-174, class 1, grade b

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Glass, optical, mil-g-174, class 1, grade b

**Fsc Application Data:**

Telescope, model m49

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

T271-e