

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1831>

**Diameter:**

1.417 inches

**Axial Thickness:**

0.236 inches and 0.118 inches

**Compound Lensaxial Thickness:**

0.354 inches

**Compound Lens Edge Thickness:**

0.304 inches

**Equivalent Focal Length:**

9.921 inches

**Back Focal Length:**

9.726 inches

**Front Focal Length:**

9.893 inches

**Refraction Index:**

1.5740 and 1.6210

**Abbe Constant:**

57.700 and 36.600

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

-3.370 inches and 6.181 inches

**Element Right Surface Radius:**

-3.370 inches and -28.346 inches

**Material:**

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

**Material:**

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

**Fsc Application Data:**

Fire control, telescope, mk67

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e