

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1807>

**Diameter:**

1.772 inches

**Axial Thickness:**

0.295 inches and 0.150 inches

**Compound Lensaxial Thickness:**

0.4448 inches

**Compound Lens Edge Thickness:**

0.424 inches

**Equivalent Focal Length:**

17.276 inches

**Back Focal Length:**

16.640 inches

**Front Focal Length:**

17.652 inches

**Refraction Index:**

1.6110 and 1.6660

**Abbe Constant:**

58.800 and 32.400

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and double concave

**Element Left Surface Radius:**

-2.795 inches and 4.331 inches

**Element Right Surface Radius:**

-2.795 inches and 10.018 inches

**Material:**

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

**Material:**

Glass optical

**Material Specification:**

Mil-g-174, class 1, grade c military specification single material response

**Fsc Application Data:**

1. Optical sighting ranging equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e

**Mil-std (military Standard):**

Mil-g-174 spec.