

View Online at <https://aerobasegroup.com/nsn/6650-00-816-0507>

**Diameter:**

Between 2.518 inches and 2.520 inches

**Axial Thickness:**

0.768 inches and 0.177 inches

**Compound Lensaxial Thickness:**

0.945 inches

**Compound Lens Edge Thickness:**

0.614 inches

**Equivalent Focal Length:**

9.229 inches

**Back Focal Length:**

8.061 inches

**Front Focal Length:**

9.736 inches

**Refraction Index:**

1.5170 and 1.7200

**Abbe Constant:**

64.500 and 29.300

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and double concave

**Element Left Surface Radius:**

-2.559 inches and 2.559 inches

**Element Right Surface Radius:**

-2.559 inches and 28.346 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. Fire control computing sights and devices

**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.