

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1889>

**Diameter:**

0.847 inches

**Axial Thickness:**

0.079 inches and 0.193 inches

**Compound Lensaxial Thickness:**

0.272 inches

**Compound Lens Edge Thickness:**

0.221 inches

**Equivalent Focal Length:**

7.205 inches

**Back Focal Length:**

5.776 inches

**Front Focal Length:**

5.217 inches

**Refraction Index:**

1.7200 and 1.5740

**Abbe Constant:**

29.300 and 57.700

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and double concave

**Element Left Surface Radius:**

-1.248 inches and 3.937 inches

**Element Right Surface Radius:**

-1.248 inches and -1.248 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:**

Fire control, telescope, mk 104 mod 0

**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.