

View Online at <https://aerobasegroup.com/nsn/6650-00-964-9279>

**Diameter:**

2.305 inches

**Axial Thickness:**

0.377 inches and 0.121 inches

**Compound Lensaxial Thickness:**

0.498 inches

**Compound Lens Edge Thickness:**

0.375 inches

**Equivalent Focal Length:**

12.797 inches

**Back Focal Length:**

12.504 inches

**Front Focal Length:**

12.106 inches

**Refraction Index:**

1.5230 and 1.6490

**Abbe Constant:**

58.600 and 33.800

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

6.849 inches

**Element Right Surface Radius:**

5.586 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:**

Telescope integrated with fire control equip

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e

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

Mil-g-174 spec.