

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1898>

**Diameter:**

1.417 inches

**Axial Thickness:**

0.276 inches and 0.118 inches

**Compound Lensaxial Thickness:**

0.394 inches

**Compound Lens Edge Thickness:**

0.324 inches

**Equivalent Focal Length:**

7.147 inches

**Back Focal Length:**

6.931 inches

**Front Focal Length:**

7.113 inches

**Refraction Index:**

1.5720 and 1.6190

**Abbe Constant:**

57.400 and 36.600

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

-2.323 inches and 4.507 inches

**Element Right Surface Radius:**

-2.323 inches and -18.915 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 74

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e

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

Mil-g-174 spec.