

View Online at <https://aerobasegroup.com/nsn/6650-00-757-5154>

**Diameter:**

0.630 inches

**Axial Thickness:**

0.039 inches and 0.181 inches

**Compound Lensaxial Thickness:**

0.220 inches

**Compound Lens Edge Thickness:**

0.160 inches

**Equivalent Focal Length:**

4.886 inches

**Back Focal Length:**

5.036 inches

**Refraction Index:**

1.6490 and 1.5170

**Abbe Constant:**

33.800 and 64.500

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double concave and double convex

**Element Left Surface Radius:**

9.504 inches

**Element Right Surface Radius:**

0.753 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:**

No

**Fiig:**

T271-e

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

Mil-g-174 spec.