

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1827>

**Diameter:**

1.772 inches

**Axial Thickness:**

0.669 inches and 0.158 inches

**Compound Lensaxial Thickness:**

0.827 inches

**Compound Lens Edge Thickness:**

0.534 inches

**Equivalent Focal Length:**

2.905 inches

**Back Focal Length:**

2.967 inches

**Front Focal Length:**

2.333 inches

**Refraction Index:**

1.5740 and 1.6490

**Abbe Constant:**

57.700 and 33.400

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and plano-concave

**Element Left Surface Radius:**

-1.488 inches and 1.488 inches

**Element Right Surface Radius:**

-1.488 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 63

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e

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

Mil-g-174 spec.