

View Online at <https://aerobasegroup.com/nsn/6650-00-683-9552>

**Diameter:**

1.629 inches

**Axial Thickness:**

0.807 inches and 0.161 inches

**Compound Lensaxial Thickness:**

0.968 inches

**Compound Lens Edge Thickness:**

0.375 inches

**Equivalent Focal Length:**

3.030 inches

**Back Focal Length:**

2.359 inches

**Refraction Index:**

1.6110 and 1.6730

**Abbe Constant:**

58.800 and 32.200

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and plano-concave

**Element Left Surface Radius:**

1.635 inches

**Element Right Surface Radius:**

2.523 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, m105c, integrated with fire control equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e

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

Mil-g-174 spec.