

View Online at <https://aerobasegroup.com/nsn/6650-00-683-9558>

**Diameter:**

2.067 inches

**Axial Thickness:**

0.236 inches and 0.158 inches

**Compound Lensaxial Thickness:**

0.394 inches

**Compound Lens Edge Thickness:**

0.3125 inches

**Equivalent Focal Length:**

16.883 inches

**Back Focal Length:**

16.809 inches

**Refraction Index:**

1.5170 and 1.6730

**Abbe Constant:**

64.500 and 32.200

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double convex and meniscus diverging

**Element Left Surface Radius:**

10.406 inches

**Element Right Surface Radius:**

7.551 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:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T271-e

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

Mil-g-174 spec.