

View Online at <https://aerobasegroup.com/nsn/6650-00-903-6670>

**Diameter:**

2.370 inches

**Axial Thickness:**

0.122 inches and 0.750 inches

**Compound Lensaxial Thickness:**

0.872 inches

**Compound Lens Edge Thickness:**

0.687 inches

**Equivalent Focal Length:**

10.812 inches

**Back Focal Length:**

10.198 inches

**Front Focal Length:**

9.326 inches

**Refraction Index:**

1.7200 and 1.6200

**Abbe Constant:**

29.300 and 60.300

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double concave and double convex

**Element Left Surface Radius:**

-4.701 inches and 2.370 inches

**Element Right Surface Radius:**

-2.370 inches and 2.370 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:**

Periscope, xm44

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T271-e

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

Mil-g-174 spec.