

View Online at <https://aerobasegroup.com/nsn/6650-00-010-5162>

**Diameter:**

2.296 inches

**Length:**

1.148 inches

**Axial Thickness:**

0.132 inches and 0.794 inches

**Compound Lensaxial Thickness:**

0.926 inches

**Equivalent Focal Length:**

12.792 inches

**Back Focal Length:**

16.371 inches

**Front Focal Length:**

10.228 inches

**Refraction Index:**

1.5460 and 2.2160

**Compound Lens Style:**

Doublet

**Individual Lens Style:**

Double concave and double convex

**Element Left Surface Radius:**

-1.642 inches and 2.071 inches

**Element Right Surface Radius:**

-2.071 inches and 1.928 inches

**Special Features:**

Edges blackened per sc-b-614594

**Material:**

Glass, optical, mil-g-174

**Material:**

Glass optical

**Material Specification:**

Mil-g-174 military specification single material response

**Special Test Features:**

Meets mil-o-13830 specifications

**Supplementary Features:**

Polished surfaces; ground edges

**Fsc Application Data:**

Night vision equipment

**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.