# NSN 6650-00-618-5618

Optical Instrument Lens - Page 1 of 1



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## Diameter:

Between 0.826 inches and 0.827 inches

Axial Thickness:

 $0.236 \ \text{inches}$  and  $0.059 \ \text{inches}$ 

# Compound Lensaxial Thickness:

0.295 inches

**Compound Lens Edge Thickness:** 

0.193 inches

# Equivalent Focal Length:

1.521 inches

#### **Back Focal Length:**

1.509 inches

# Front Focal Length:

1.349 inches

# **Refraction Index:**

1.6110 and 1.6489

#### Abbe Constant:

58.800 and 33.800

# Compound Lens Style:

Doublet

# Individual Lens Style:

Double convex and meniscus diverging

#### 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:**

Optical sighting ranging equipment

#### Shelf Life:

N/a

# Unit Of Measure:

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#### Demilitarization:

Yes - demil/mli

Fiig:

Т271-е

# Mil-std (military Standard):

Mil-g-174 spec.