

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1853>

Diameter:

1.772 inches

Axial Thickness:

0.315 inches and 0.158 inches

Compound Lensaxial Thickness:

0.473 inches

Compound Lens Edge Thickness:

0.413 inches

Equivalent Focal Length:

13.029 inches

Back Focal Length:

12.770 inches

Front Focal Length:

12.987 inches

Refraction Index:

1.5740 and 1.6210

Abbe Constant:

57.700 and 36.600

Compound Lens Style:

Doublet

Individual Lens Style:

Double convex and meniscus diverging

Element Left Surface Radius:

-4.331 inches and 8.189 inches

Element Right Surface Radius:

-4.331 inches and -35.433 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:

1. Fire control, telescope, mk 53 mod 0

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.