

View Online at <https://aerobasegroup.com/nsn/6650-00-382-1874>

Diameter:

2.480 inches

Axial Thickness:

0.354 inches and 0.197 inches

Compound Lensaxial Thickness:

0.551 inches

Compound Lens Edge Thickness:

0.461 inches

Equivalent Focal Length:

16.722 inches

Back Focal Length:

16.422 inches

Front Focal Length:

16.675 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:

-5.866 inches and 10.542 inches

Element Right Surface Radius:

-5.866 inches and -46.446 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, mk66

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.