

View Online at <https://aerobasegroup.com/nsn/5985-01-193-8419>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

End Application:

An/wlr-1

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Adapter Length:

Between 5.615 inches and 5.625 inches

Thread Qty Per Inch (tpi):

32 second flange all connection facilities

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.164 inches second flange all connection facilities

Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Waveguide Outside Height:

Between 0.496 inches and 0.504 inches

Flange Connecting Facility And Quantity:

4 threaded hole second flange all connection facilities

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

External surfaces rhodium and external surfaces silver

Precious Material:

Rhodium and silver

Surface Treatment:

Rhodium all tubing segment and flange outside surfaces and silver all tubing segment and flange outside surfaces

Style Designator:

Waveguide to waveguide

Thread Series Designator:

Unc second flange all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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