

View Online at <https://aerobasegroup.com/nsn/5985-00-471-8983>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2a second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

Bend Angle In Deg:

90.0 all bends e-plane

End Application:

Converter, radio frequency cv-2776/alq-78

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches second flange and 1.126 inches second flange

Flange Inside Height:

0.493 inches second flange and 0.501 inches second flange

Flange Outside Width:

2.625 inches second flange

Flange Outside Height:

2.250 inches second flange

Flange Inside Diameter:

0.875 inches second flange

Flange Depth:

0.625 inches second flange

Thready Qty Per Inch (tpi):

32 second flange all connection facilities

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Thread Size:

0.164 inches second flange all connection facilities

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

Waveguide Inside Height:

Between 0.493 inches and 0.501 inches

Waveguide Outside Height:

Between 0.621 inches and 0.629 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange all connection facilities

Flange Style:

Choke type first flange

Waveguide Center To Center Distance:

Between 2.427 inches and 2.447 inches

Special Features:

Three insert helicoils provided

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

Double bend type

Thread Series Designator:

Unc second flange all connection facilities

Fsc Application Data:

Antennas, waveguides and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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