

View Online at <https://aerobasegroup.com/nsn/5985-01-318-7868>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 second bend e-plane

End Application:

Radio terminal set an/trc-170

Tubing Wall Construction Style:

Seamless second tubing segment

Tubing Twist Type:

Straight twist third tubing segment

Tubing Twist Angle In Deg:

90.0 third tubing segment

Flange Quantity:

2

Flange Inside Width:

1.867 inches first flange and 1.877 inches first flange

Flange Inside Height:

0.867 inches first flange and 0.877 inches first flange

Flange Outside Diameter:

3.610 inches first flange and 3.640 inches first flange

Flange Depth:

0.922 inches first flange and 0.953 inches first flange

Voltage Standing Wave Ratio:

1.15

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

Thread Size:

0.190 inches first flange all connection facilities

Waveguide Inside Width:

Between 1.867 inches and 1.877 inches

Waveguide Inside Height:

Between 0.867 inches and 0.877 inches

Waveguide Outside Height:

Between 0.995 inches and 1.005 inches

Flange Connecting Facility And Quantity:

8 threaded hole first flange all connection facilities

Flange Style:

Choke type first flange

Waveguide Length:

Between 17.690 inches and 17.810 inches

Waveguide Center To Center Distance:

Between 3.940 inches and 4.060 inches

Flexibility:

Flexible third tubing segment

Material:

Copper alloy third tubing segment

Precious Material And Location:

Internal waveguide surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver third tubing segment inside surfaces

Style Designator:

Offset bend type

Thread Series Designator:

Unf first flange all connection facilities

Fsc Application Data:

Communications equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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