

View Online at <https://aerobasegroup.com/nsn/5985-01-542-2044>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend e-plane

End Application:

Oe-170 (v) 1-4/fsc, antenna, next assembly a3193614, sm-f-719366 & sm-f-719367 used on dl sm-b-719415

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.368 inches all flanges and 1.376 inches all flanges

Flange Inside Height:

0.618 inches all flanges and 0.626 inches all flanges

Flange Outside Width:

2.670 inches all flanges and 2.710 inches all flanges

Flange Outside Height:

1.920 inches all flanges and 1.960 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.520 inches all flanges

Flange Connecting Hole Diameter:

0.192 inches all flanges all connection facilities and 0.200 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.08

Waveguide Outside Width:

Between 1.496 inches and 1.504 inches

Waveguide Inside Width:

Between 1.368 inches and 1.376 inches

Waveguide Inside Height:

Between 0.618 inches and 0.626 inches

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Waveguide Longer Offset Distance:

2.120 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Offset Distance:

1.880 inches

Product Name:

Waveguide assembly, 90 degree bend

Specified Frequency:

Between 7.25 gigahertz and 7.75 gigahertz

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange or copper alloy all tubing segment and flange or magnesium alloy all tubing segment and flange

Style Designator:

Bend type

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A073a0