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Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend e-plane

End Application:

Radar set an/tps-32

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

2.834 inches all flanges and 2.846 inches all flanges

Flange Inside Height:

1.334 inches all flanges and 1.346 inches all flanges

Flange Depth:

0.810 inches all flanges

Voltage Standing Wave Ratio:

1.05

Maximum Operating Pressure:

35.0 pounds per square inch gage

Waveguide Outside Width:

Between 2.994 inches and 3.006 inches

Waveguide Inside Width:

Between 2.834 inches and 2.846 inches

Waveguide Inside Height:

Between 1.334 inches and 1.346 inches

Waveguide Outside Height:

Between 1.494 inches and 1.506 inches

Waveguide Longer Offset Distance:

Between 3.970 inches and 4.030 inches

Flange Style:

Contact, for single ridge waveguide all flanges

Waveguide Offset Distance:

Between 3.970 inches and 4.030 inches

Special Features:

Frequency range 2.7 ghz to 3.2 ghz

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Elbow type

Fsc Application Data:

Antennas, waveguides and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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