## NSN 5985-01-415-6831

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-415-6831
Cross Sectional Shape:
Internal, rectangular double ridged external, rectangular
Bend Angle In Deg:
45.0 third bend e-plane
Tubing Wall Construction Style:
Seamless single tubing segment
Flange Quantity:
2
Flange Inside Width:
0.720 inches all flanges
Flange Inside Height:
0.321 inches all flanges
Flange Outside Width:
1.375 inches all flanges
Flange Outside Height:
1.375 inches all flanges
Flange Depth:
0.245 inches all flanges
Flange Connecting Hole Diameter:
0.096 inches all flanges second connection facility and 0.097 inches all flanges second connection facility
Waveguide Outside Width:
0.820 inches
Waveguide Inside Width:
0.720 inches
Waveguide Inside Height:
0.321 inches
Waveguide Outside Height:
0.421 inches
Flange Connecting Facility And Quantity:
2 unthreaded stud all flanges third connection facility
Waveguide First Leg Length:
16.335 inches
Flange Style:
Contact, double ridge type all flanges
Waveguide Second Leg Length:
3.965 inches
Waveguide Third Leg Length:
2.220 inches

1.745 inches

Flexibility:

Rigid single tubing segment

Waveguide Fourth Leg Length:

## NSN 5985-01-415-6831

Waveguide Assembly - Page 2 of 2



Material:
Aluminum alloy single tubing segment
Style Designator:
Three bend type
Specification Data:
43999-le413-0410 manufacturers specification control
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli

**Fiig:** A073a0