

Waveguide Termination 12.4-18GHz



Features

- Full band operation
- Low VSWR
- Rugged mechanical configuration

Typical Applications

- Transceivers
- Test setups
- Instrumentation
- Subsystems

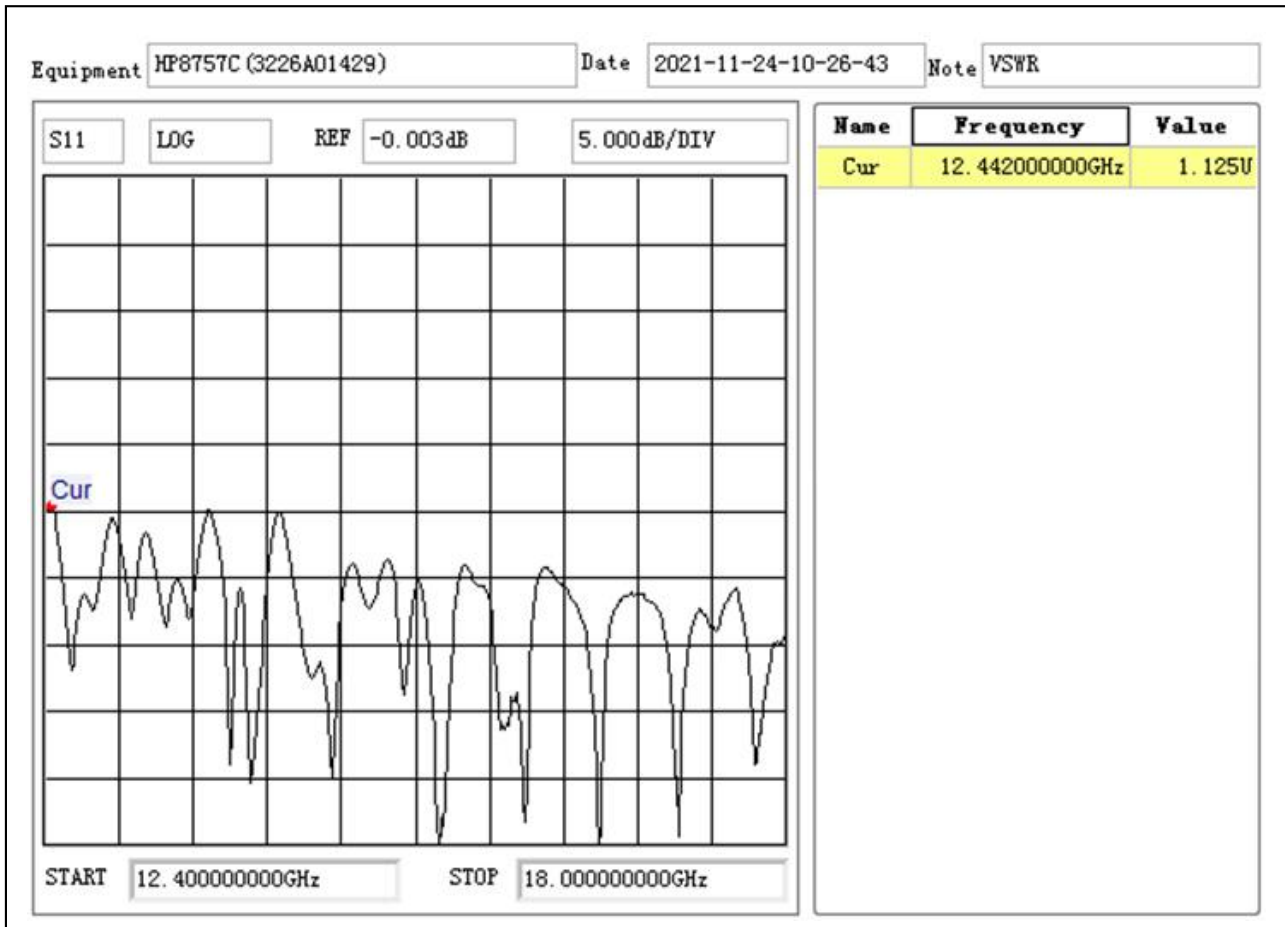
Electrical Specifications, TA=25°C

| Parameters | Min | Typ | Max | Units |
|---------------|---------------------------|-----|------|-------|
| FREQ RANGE | 12.4 | | 18 | GHz |
| VSWR | | | 1.25 | |
| Average Power | 500 | | | W |
| Waveguide | WR62 | | | |
| Flange Type | Cover | | | |
| Material | Copper/Brass and Aluminum | | | |
| Weight | 2.41 | | | kg |

Reliability Test Matrix

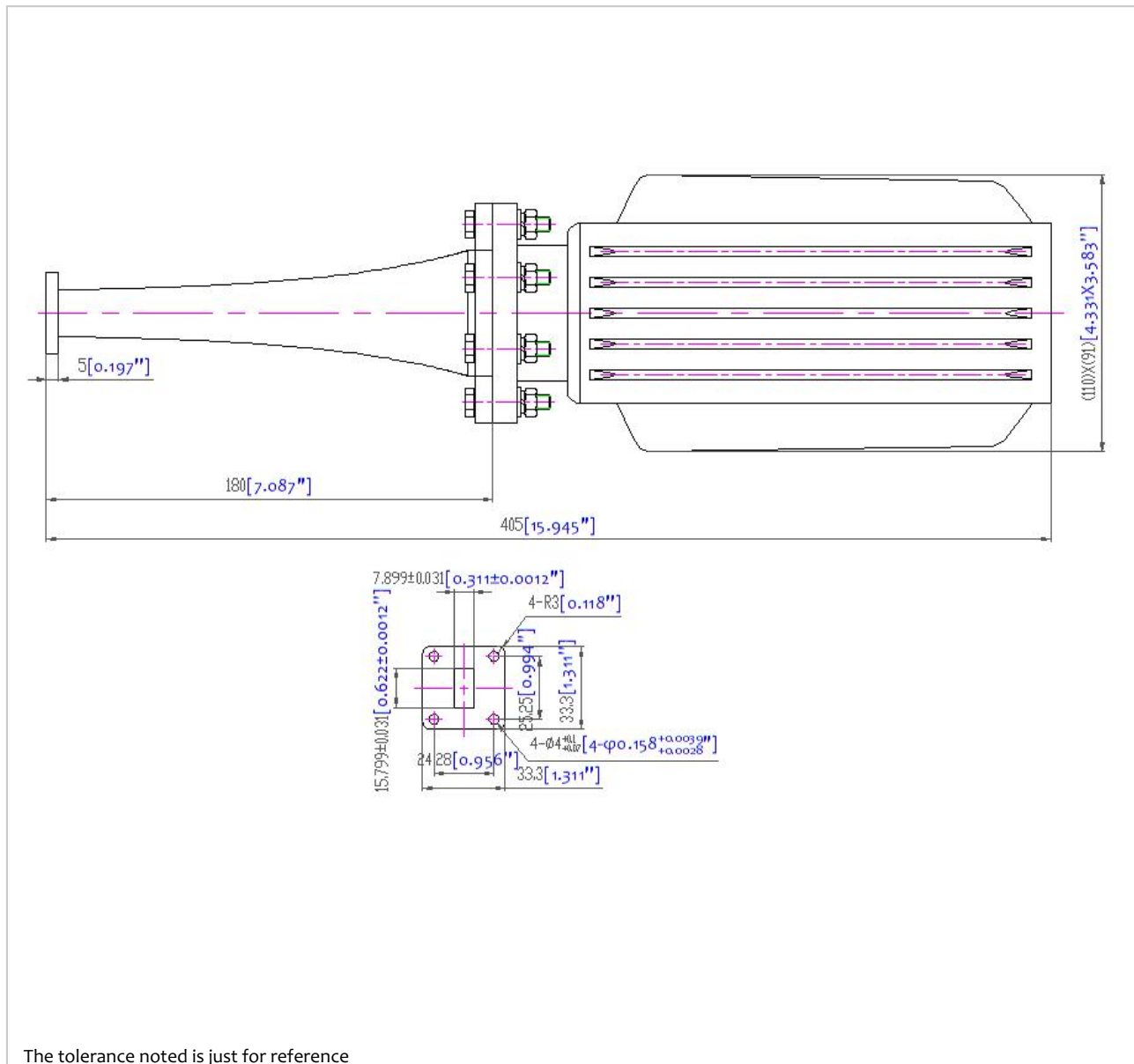
| Parameter | Description |
|--------------------------|---|
| Operational Temperature | -40°C~+85°C (Case Temperature) |
| Storage Temperature | -50°C~+105°C |
| Thermal Shock | -40°C~+85°C (5 cycles/ 10 hours) |
| Random Vibration | MIL-STD-202G Table 214-I, Test Condition Letter C 1.5 Hours Per Axis |
| High Temperature Burn In | Temperature +85°C for 72 Hours |
| Shock | 1.Weight>20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2.Weight≤20g, 100g half sine wave for 6ms, Speed variation 3.75m/s 3.Total 18 times (6 directions, 3 repetitions per direction.) |
| Altitude | Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 Ft 1.0 PSI min) |

VSWR:



Outline Drawing:

All Dimensions in mm [inches]



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