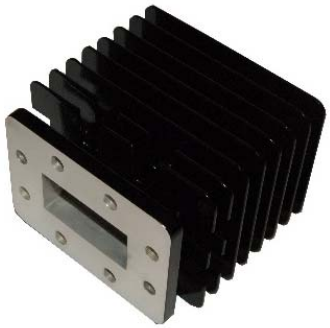
WR159 WAVEGUIDE 100W TERMINATION



RoHS Compliant

Features

- Wide band operation
- Low VSWR
- Aerospace and military application
- High peak to average handle capability
- All specifications can be modified upon request

Electrical Specifications

Parameters	Min.	Typ.	Max.	Units
Frequency Range	4.9		7.05	GHz
VSWR		1.10	1.20	
Average Power	100			W

Mechanical Specifications

Waveguide type	Rectangular Waveguide WR159
Flange type	CPRF
Flange Holes	Through
Basis-material	Alloyed Cuprum
Internal Body Finish	Silver Plated chromate or conversion
External Body Finish	Body painted with gray/black epoxy enamel

Environment specifications

Operational Temperature (°C)	-40 to +70
Storage Temperature (°C)	-50 to +125
Altitude	45000 ft
Vibration	10g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc half sin wave,3 axis both directions

Outline Drawing:

All Dimensions in mm（inches） Tolerance ±0.2（0.01）