

Electrical Specifications

Frequency Range: 30 - 3000 MHz

Coupling Value/ Coupling Flatness:

30-380 MHz; 33-50 dB Nom.; N/A

380-500 MHz; 30 +3/-2 dB; ± 1

500-3000 MHz; 30 ± 2 dB; ± 0.6

Insertion Loss: 0.20 dB Max.

Directivity: 15 dB Min.

VSWR:

Input and Output, 1.24 Min.

Coupled Port, 1.5 Min.

Impedance: 50 Ohm

Intermodulation IM3

(2 x 43 dBm carrier): 155 dBc

Max. Power: 500 W Avg, 3KW Peak

Termination Max. Power: 3 W Avg

Mechanical

Connector Type: N-Type Main Line (F),

SMA (F) Coupled Ports

Dimensions: 6.25 x 1.35 x 1.00 inches

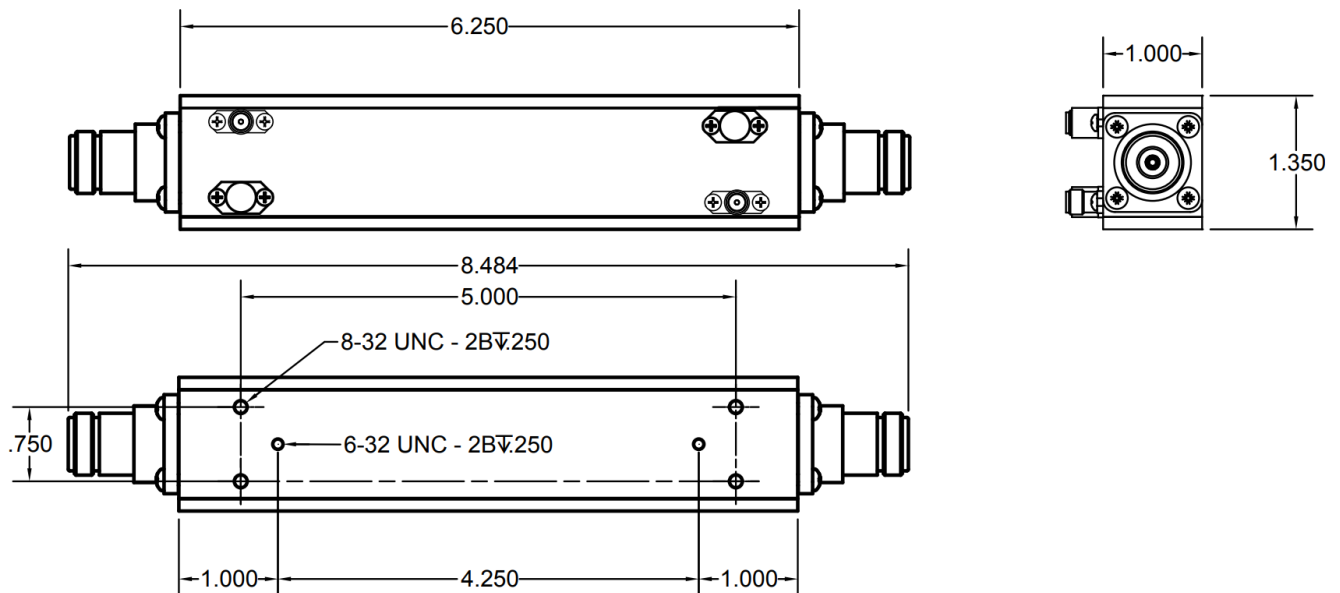
Environmental

Operating Temperature: -40 to 85° C

Storage Temperature: -55 to +100° C

- 500 W average power
- Low VSWR and Loss
- High reliability, Low PIM
- ROHS Compliant

Outline Drawing:



DS-DC870-06242019-Rev0