

### Electrical Specifications

**Frequency Range:** 30-3000 MHz

**Coupling:**

30-380 MHz; 30-50 dB Nom.

380-500 MHz; 33 dB Max

500-3000 MHz; 30+/- 0.75 dB

**Insertion Loss:** 0.20 dB Max.

**Directivity:** 25 dB Min.

**VSWR:**

Input and Output, 1.12 Min.

Coupled Port, 1.3 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:** Type N Main Line (M/F),  
SMA (F) Coupled Ports

**Dimensions:** 6.25 x 1.35 x 1.00 inches

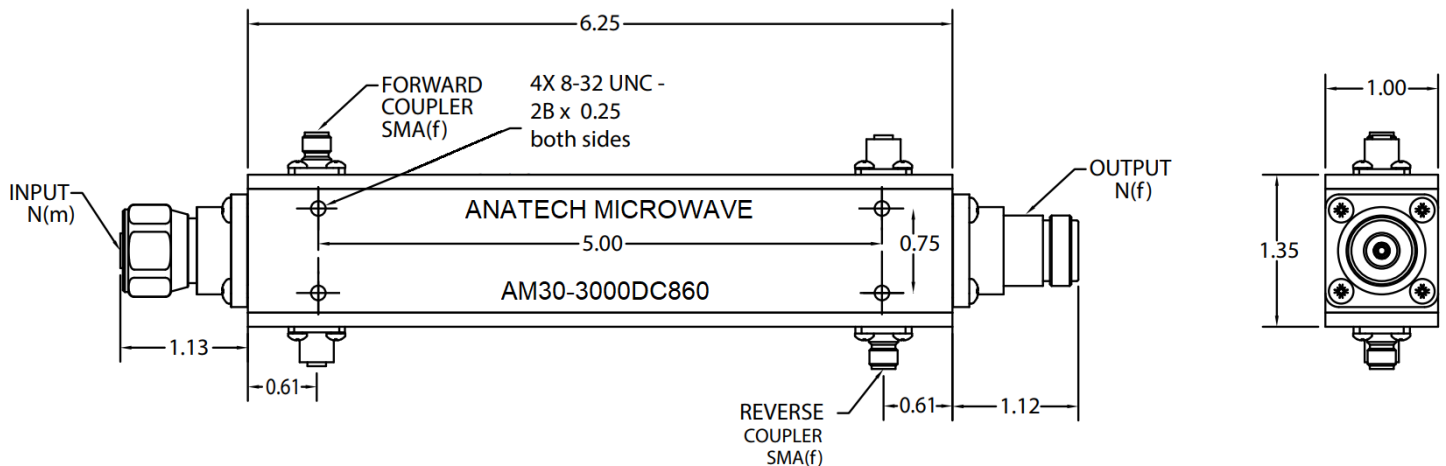
**Weight (approx.):** 1.2 kg (2.64 lb)

### Environmental

**Operating Temperature:** -40 to 85° C

**Storage Temperature:** -55 to +100° C

### Outline Drawing:



DS-DC860-06242019-Rev0

### Response Plots:

