

# Bi-Directional Coupling Detector

## Model - SA-06-69

Rev. - A

Bi-Directional Detector. It can measure, detect and output the forward/reverse power data of the load under test.

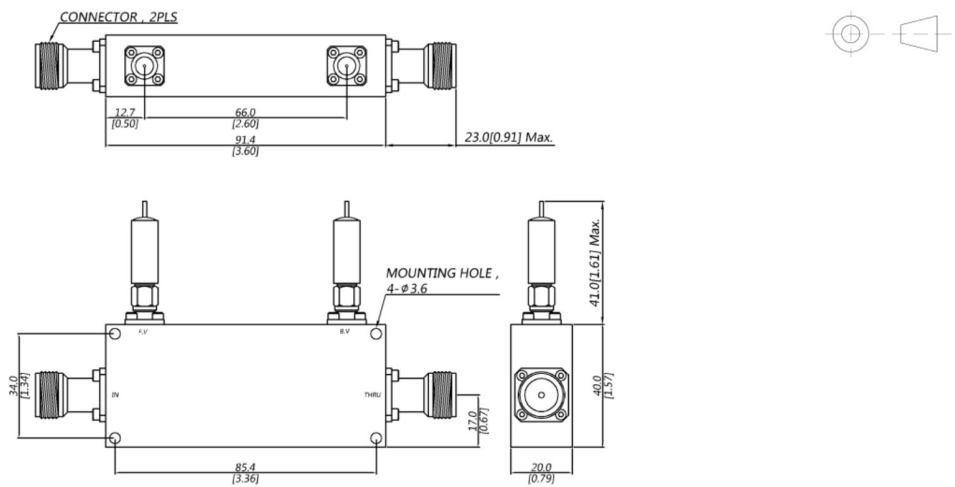


Electrical & Mechanical Specifications

- Frequency Range: 2-8GHz;
- Forward detection voltage:  $1.2 \pm 0.2V$  (400W CW);
- Detection voltage flatness:  $\leq 15\%$ ;
- Temperature change rate:  $\leq \pm 2.5\%$  (-50~+55°C);
- Main Line VSWR:  $\leq 1.4$ ;
- Insertion Loss:  $\leq 0.4dB$ ;
- Coupling:  $\leq 42 \pm 1dB$ ;
- Directivity:  $\geq 12dB$ ;
- CW Power: 400W;
- Dimension: 91.4x40x20mm;
- Connector Type: TYPE N[F], I.A.W. IEC 61169;
- Surface Coating: Nickel plating, I.A.W ISO 4527;

Note3- Unit: mm , Unless otherwise specified, .x  $\pm 1.0$  .xx  $\pm 0.50$  Holes:  $\pm 0.3$  All specifications are subject to change without notice at any time

2D Outline Drawing



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