



Directional Coupler

AWDC30-0.5-2.5GA

Your RF& Microwave Components Source

Features:

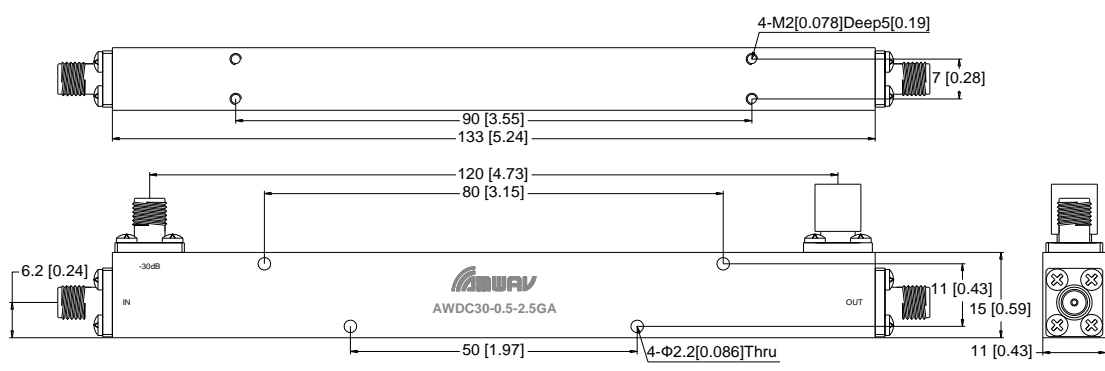
- **Compact Design**
- **High Directivity**
- **Low VSWR**

Specifications

| Parameters | Min. | Typ. | Max. | Units |
|-----------------------|------|----------------------|-----------|----------|
| Frequency range | 0.5 | | 2.5 | GHz |
| Coupling | | 30 ± 1 | | dB |
| Frequency Sensitivity | | | ± 0.7 | dB |
| Insertion Loss | | | 0.4 | dB |
| Directivity | 20 | | | dB |
| VSWR | | | 1.2 | |
| Input Power | | | 50 | W |
| Operating Temperature | -55 | | +85 | °C |
| Impedance | | 50 | | Ω |
| Connectors | | SMA-Female | | |
| Finish | | Dark Navy Blue Paint | | |

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Amwav reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

Outline Drawing:



- 1. Dimensions are in mm [inches]
- 2. Tolerances: Outline drawing: ± 0.2 [0.008]
Hole: ± 0.2 [0.008]



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Part No.
AWDC30-0.5-2.5GA

Note:
All SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME

Scale
1:1

DWG No.

REV
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