## DC0118-10

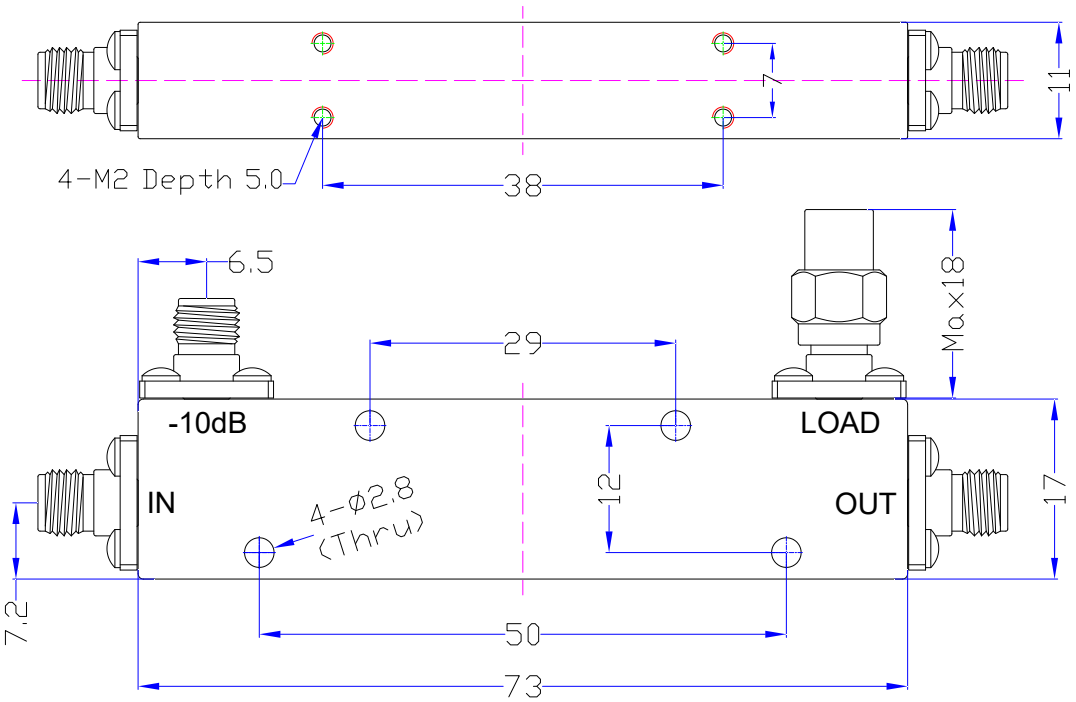
# Directional Coupler, 1 to 18 GHz, 10 dB, SMA Female, 50 Watts

Rev 1

## Electrical & Environmental

| | |
|---|---|
| Frequency Range | 1-18 GHz |
| Coupling Factor | 10±1.0 dB |
| Coupling Sensitivity | ≤±0.7 dB |
| Insertion Loss | ≤0.9 dB (Exclusive of coupling loss 0.46 dB) |
| VSWR | ≤1.5:1 |
| Directivity | ≥12 dB |
| Impedance | 50 Ohms |
| Input Power (CW) | 50 Watts max |
| Operating temperature | -40℃ ~ +85℃ |

## Mechanical

| | |
|---|---|
| Connector | SMA female*3<br>Body: stainless steel; Center contact: Gold plated BeCu |
| Housing | Black painting, aluminum alloy housing |
| Net weight | 50g |

## Dimensions(Unit: mm/[inch], Tolerance: ±0.5mm)