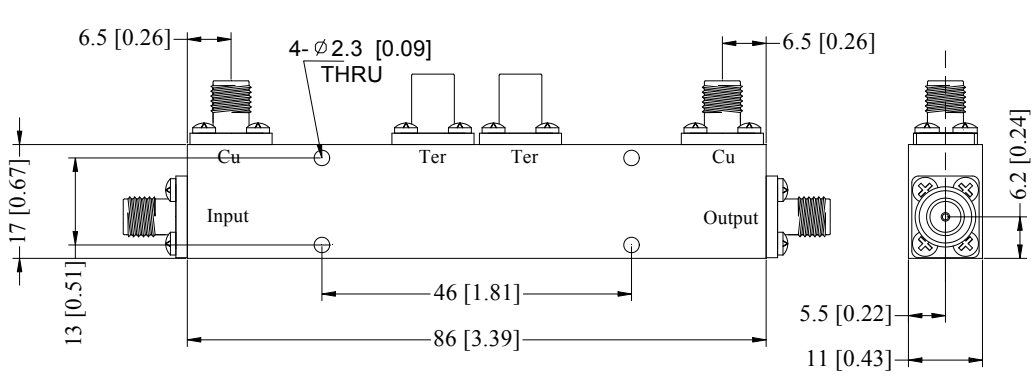


Dual Directional Coupler

P/N: ZSDDC-60180-30S



1. Electrical Specifications	
Frequency Range	6.0 – 18.0GHz
Coupling	≤30±1.0dB
Frequency Sensitivity	≤±0.9dB
Insertion Loss	≤1.0dB
Directivity	≥10dB
VSWR	≤1.50
Power Handling	50W
Impedance	50ohm
Connectors	SMA-Female
Operating Temperature	-40°C ~ +70°C
Storage Temperature	-55°C ~ +85°C
2. Mechanical Specification (for reference)	
 <p>The drawing shows a side view and a top view of the coupler. Key dimensions include: overall length 86 mm [3.39], input section length 13 mm [0.51], distance from input to first thru hole 6.5 mm [0.26], distance between thru holes 46 mm [1.81], distance from last thru hole to output section 6.5 mm [0.26], and output section length 11 mm [0.43]. The top view shows a diameter of 17 mm [0.67] and a distance of 5.5 mm [0.22] from the center to the SMA connector. The thru holes are 4 in diameter with a tolerance of 0.09 mm [0.09]. The material is labeled as Cu (Copper) and Ter (Termination).</p>	