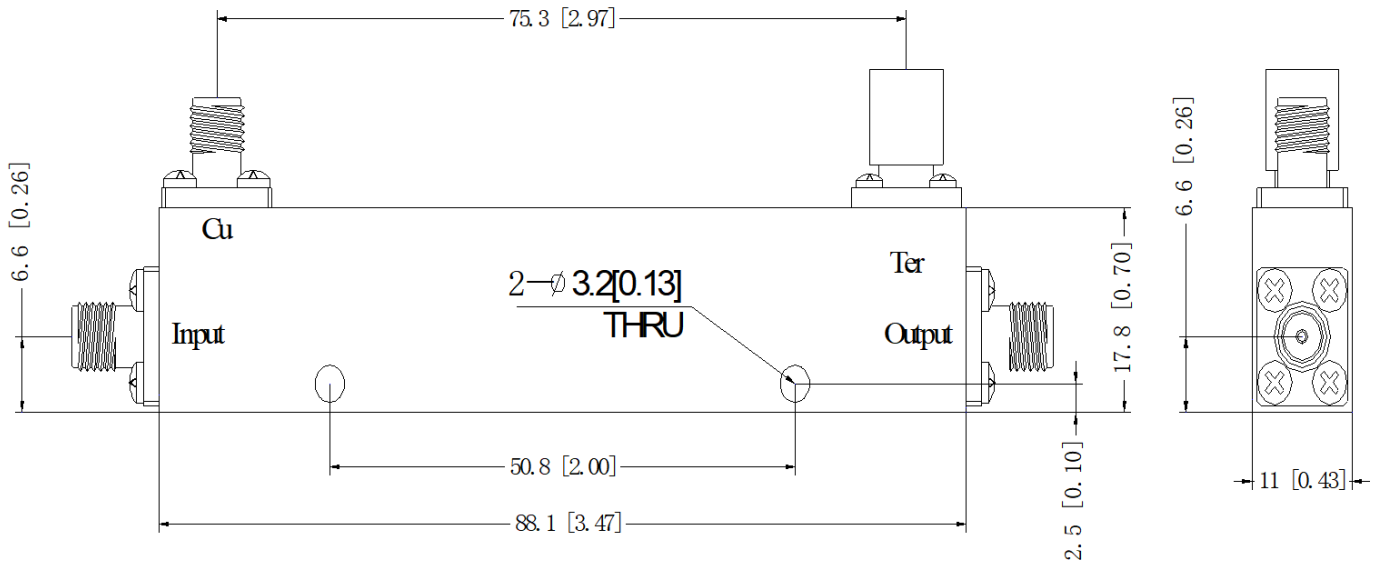




SMA Directional Coupler, RDC1F18S-10 1-18GHz, Coupling 10dB, 50W

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	1-18GHz	Impedance	50 Ohm
VSWR Primary	1.5 Max (Typ.1.3)		
VSWR Secondary	1.5 Max (Typ.1.3)		
Insertion Loss	1.5dB Max		
Directivity	12dB Min		
Frequency Sensitivity	±1.0dB		
Nominal Coupling	10±1.0dB		
Input Avg Power	50 Watts max @25°C (Derate linearly to 5 Watt at 100°C)		
Operating Temp	-40°C~70°C		

Mechanical & Product Information

Product Number	RDC1F18S-10	Product Type	Directional Coupler
Connector	SMA Female	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Sandblasting natural color conductive oxide		
Dimensions	88.1×17.8×11mm	Net Weight	-



SMA Directional Coupler, RDC1F18S-10

1-18GHz, Coupling 10dB, 50W

Typical Test Data

