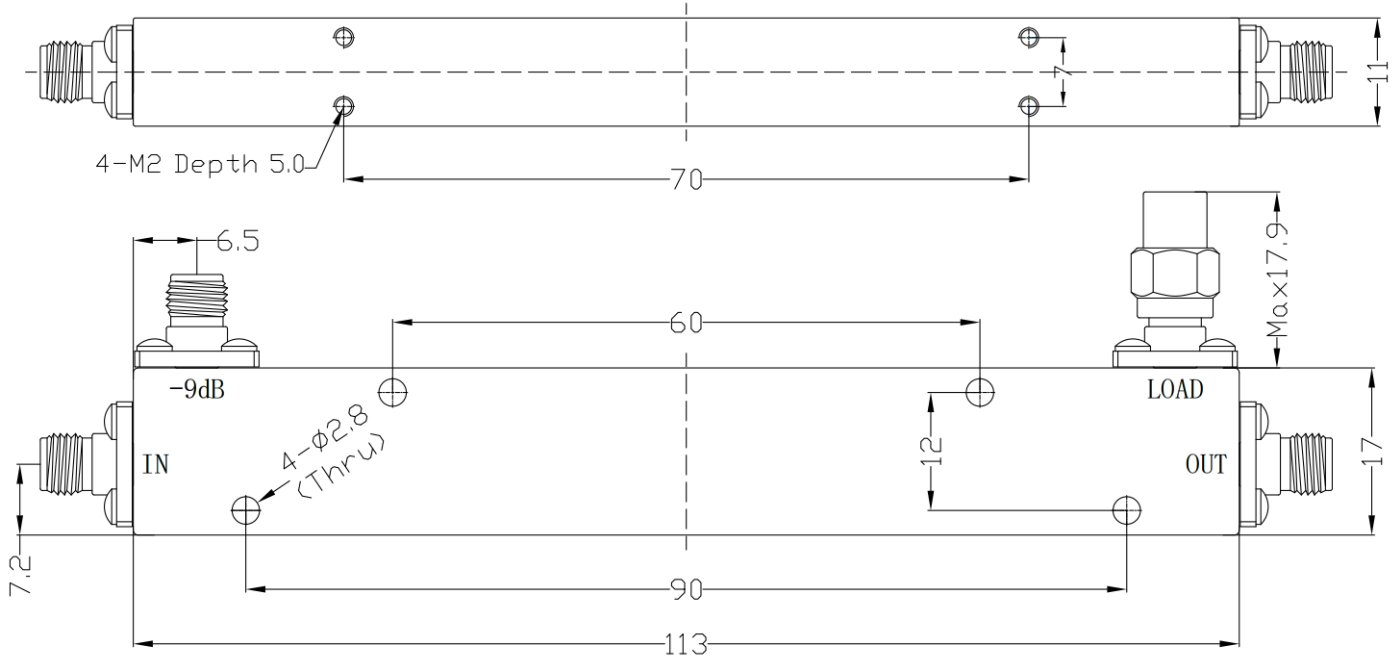


SMA Directional Coupler, RDC045F18S-9 0.45-18GHz, Coupling 9dB, 20W

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	0.45-18GHz	Impedance	50 Ohm
VSWR Primary	1.45 Max		
VSWR Secondary	Max		
Insertion Loss	1.6dB Max (Excluding Coupling Loss 0.59dB)		
Directivity	15dB Min		
Frequency Sensitivity	$\pm 1.0\text{dB}$ @ 0.6-18GHz ; $\leq \pm 1.4\text{dB}$ @ 0.45-0.6GHz		
Nominal Coupling	$9 \pm 1.0\text{dB}$		
Input Avg Power	20 Watts max @25°C (Derate linearly to 2 Watt at 100°C) Reflected: 1W Max.		
Operating Temp	-40°C~+80°C		

Mechanical & Product Information

Product Number	RDC045F18S-9	Product Type	Directional Coupler
Connector	SMA Female	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Light blue paint		
Dimensions	113×17×11mm	Net Weight	About 70.0g