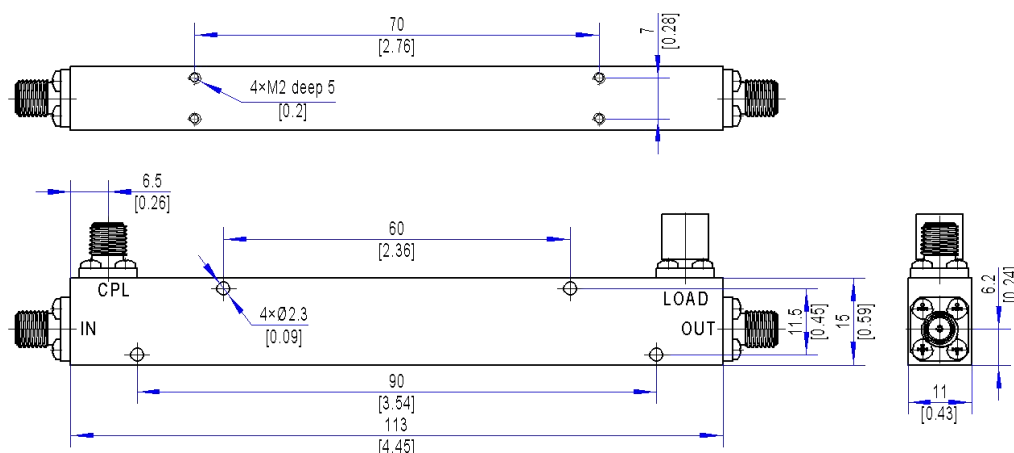


FSDC50-500-18000-XX-S

Single Directional Coupler, 50W, 0.5-18GHz, SMA(f)

Electrical Specifications				
1	Frequency Range	0.5-18 GHz		
2	Impedance	50 Ω		
3	Coupling	10 \pm 1 dB	20 \pm 1 dB	30 \pm 1.5 dB
4	Coupling Flatness	\pm 1 dB Max.	\pm 1.5 dB Max.	\pm 1 dB Max.
5	Insertion Loss	1.5 dB Max.	1.5 dB Max.	1.6 dB Max.
6	Main Line VSWR	1.6:1 Max.	1.6:1 Max.	1.6:1 Max.
7	Secondary Line VSWR	1.6:1 Max.	1.6:1 Max.	1.6:1 Max.
8	Directivity	10dB Min.	10dB Min.	10dB Min.
9	Power Handling	50 W CW		
Environmental Specifications				
1	Operating Temperature	-45°C ~ +85°C		
Mechanical Specifications				
1	Connectors	SMA-Female		
2	Dimensions ¹	113*15*11mm[4.45*0.59*0.43in]		

Outline Drawing (Units: mm/[inch], Tolerance: \pm 0.3mm[\pm 0.01in])



Ordering Information:

Model: **FSDC50-500-18000-XX-S**

XX = Coupling (10=10dB, 20=20dB, 30=30dB)

Example: 30 dB \rightarrow **FSDC50-500-18000-30-S**

Note 1: Dimensions are nominal and exclude connectors.