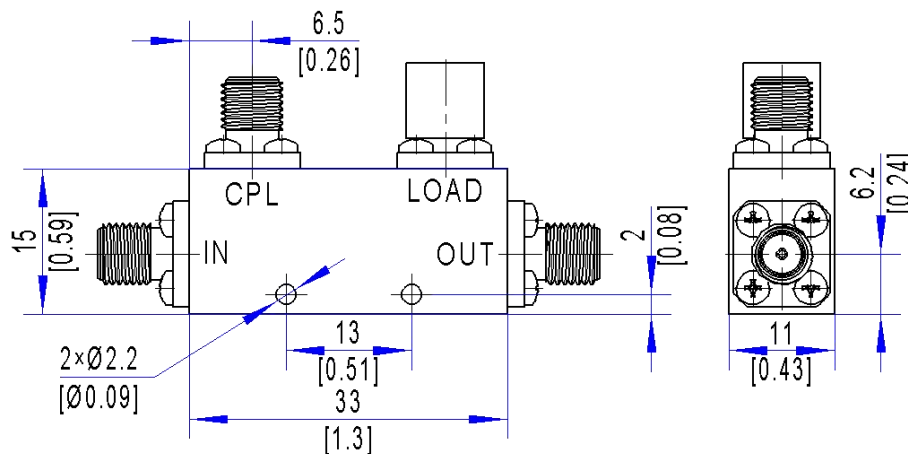


## FSDC50-6000-18000-XX-S

Single Directional Coupler, 50W, 6-18GHz, SMA(f)

Electrical Specifications				
1	Frequency Range	6~18 GHz		
2	Impedance	50 $\Omega$		
2	Coupling	10 $\pm$ 1.0 dB	20 $\pm$ 1.0 dB	30 $\pm$ 1.0 dB
3	Coupling Flatness	$\pm$ 1 dB Max.	$\pm$ 1 dB Max.	$\pm$ 1 dB Max.
4	Insertion Loss	1.0 dB Max.	0.6 dB Max.	0.6 dB Max.
5	Main Line VSWR	1.5:1 Max.	1.5:1 Max.	1.5:1 Max.
6	Secondary Line VSWR	1.5:1 Max.	1.5:1 Max.	1.5:1 Max.
7	Directivity	12 dB Min.	12 dB Min.	12 dB Min.
8	Power Handling	50 W CW		
Environmental Specifications				
1	Operating Temperature	-45°C~+85°C		
Mechanical Specifications				
1	Connectors	SMA-Female		
2	Dimensions <sup>1</sup>	33*15*11mm[1.3*0.59*0.43in]		

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



### Ordering Information:

Model: **FSDC50-6000-18000-XX-S**

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

Example: 30 dB → **FSDC50-6000-18000-30-S**

Note 1: Dimensions are nominal and exclude connectors.