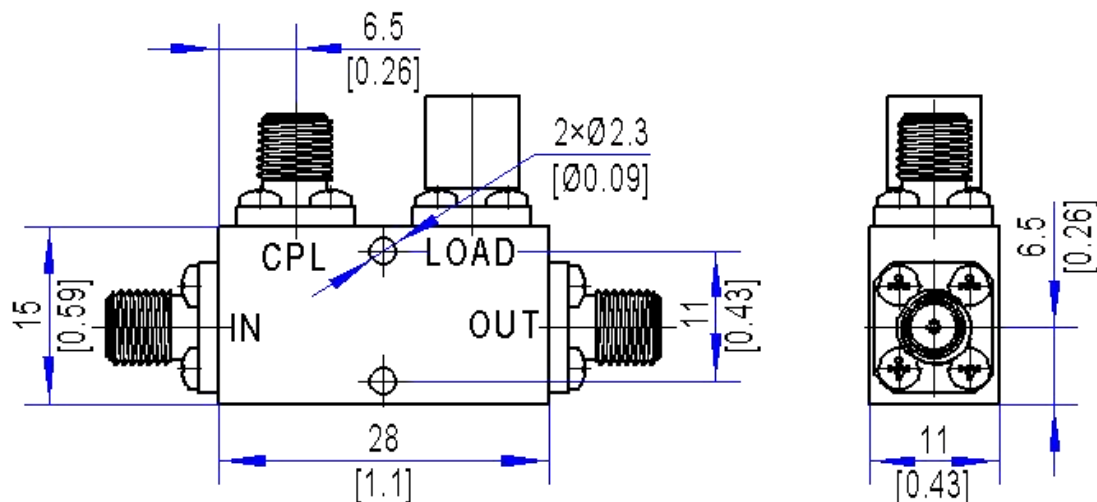


## FSDC30-18000-40000-XX-K

Single Directional Coupler, 30W, 18-40GHz, 2.92mm(f)

Electrical Specifications				
1	Frequency Range	18-40 GHz		
2	Impedance	50 $\Omega$		
3	Coupling	10 $\pm$ 1.0 dB	20 $\pm$ 1.0 dB	30 $\pm$ 1.2 dB
4	Coupling Flatness	$\pm$ 0.9 dB Max.	$\pm$ 0.9 dB Max.	$\pm$ 1.0 dB Max.
5	Insertion Loss	1.6 dB Max.	1.1 dB Max.	1.0 dB Max.
6	VSWR	1.6:1 Max.	1.6:1 Max.	1.6:1 Max.
7	Directivity	10dB Min.	12dB Min.	10dB Min.
8	Power Handling	30 W CW		
Environmental Specifications				
1	Operating Temperature	-45°C ~ +85°C		
Mechanical Specifications				
1	Connectors	2.92mm-Female		
2	Dimensions <sup>1</sup>	28*15*11mm[1.1*0.59*0.43in]		

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



### Ordering Information:

Model: **FSDC30-18000-40000-XX-K**

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

Example: 30 dB  $\rightarrow$  **FSDC30-18000-40000-30-K**

Note 1: Dimensions are nominal and exclude connectors.