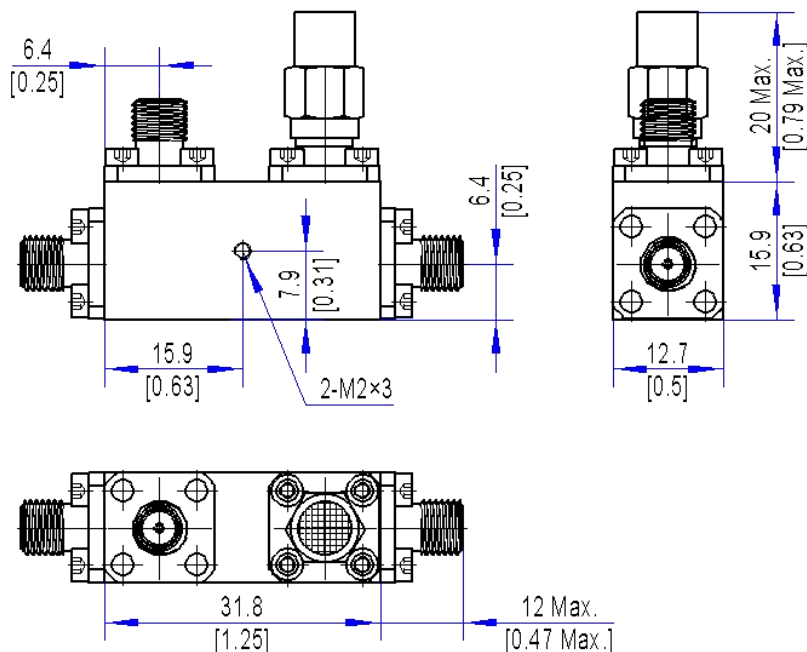


## FSDC12-40000-67000-XX-V

Single Directional Coupler, 12W, 40-67GHz, 1.85mm(f)

Electrical Specifications				
1	Frequency Range	40-67 GHz		
2	Coupling	10 ±1 dB	20 ±1 dB	30 ±1 dB
3	Coupling Flatness	±1 dB Max.	±1 dB Max.	±1 dB Max.
4	Insertion Loss	2.5 dB Max.	2.0 dB Max.	2.0 dB Max.
5	Main Line VSWR	1.9:1 Max.	1.9:1 Max.	1.9:1 Max.
6	Secondary Line VSWR	1.9:1 Max.	1.9:1 Max.	1.9:1 Max.
7	Directivity	7 dB Min.	7 dB Min.	7 dB Min.
8	Power Handling	12 W CW, 1000 W Peak		
Environmental Specifications				
1	Operating Temperature	-45°C ~ +85°C		
Mechanical Specifications				
1	Connectors	1.85mm-Female		
2	Dimensions <sup>1</sup>	31.8*15.9*12.7mm [1.25*0.63*0.5in]		

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



### Ordering Information:

Model: **FSDC12-40000-67000-XX-V**

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

Example: 30 dB → **FSDC12-40000-67000-30-V**

Note 1: Dimensions are nominal and exclude connectors