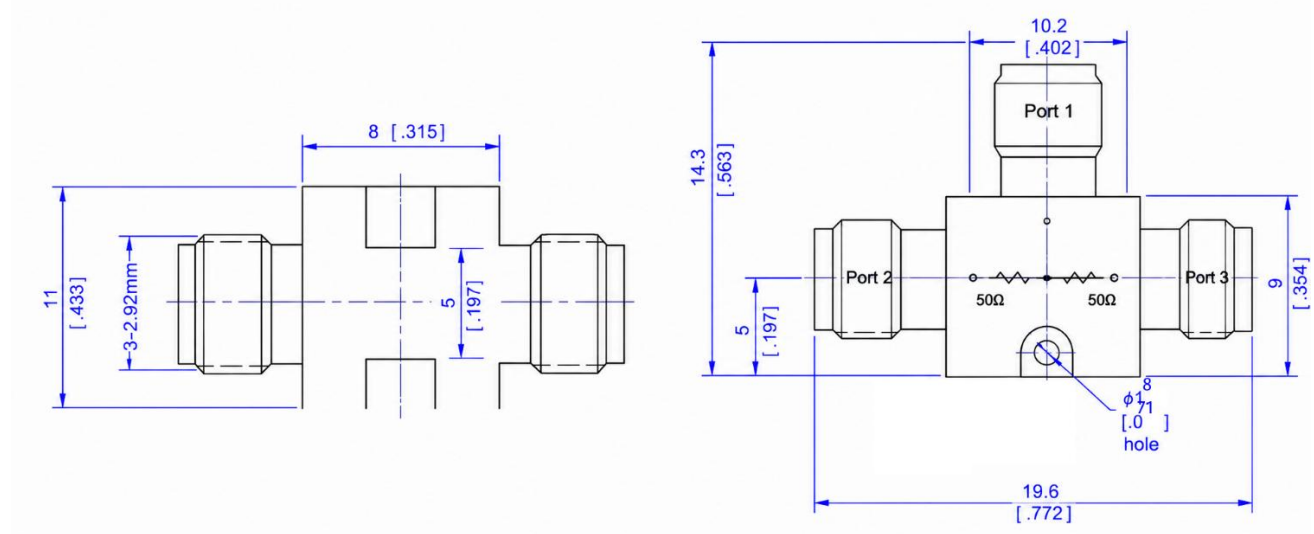


FS2PD5-0-40000-K

2-Way Resistive Power Divider / Combiner, 5W, DC-40GHz, 2.92mm(f)

Electrical Specifications		
1	Frequency Range	DC-40 GHz
2	Impedance	50 Ω
3	Insertion Loss	6.8 dB Max.@DC-26.5GHz 7.8 dB Max.@26.5-40 GHz (Including Theoretical Loss)
4	Isolation	11.5dB Min.@DC-26.5 GHz 12dB Min.@26.5-40 GHz
5	Input VSWR	1.26:1 Max.@DC-26.5GHz 1.38:1 Max.@26.5-40GHz
6	Output VSWR	1.90:1 Max.@DC-26.5GHz 2.10:1 Max.@26.5-40GHz
7	Phase Balance	$\pm 5^\circ$ Max. @DC-26.5GHz $\pm 7^\circ$ Max. @26.5-40GHz
8	Amplitude Balance	± 0.5 dB Max. @DC-26.5GHz ± 0.7 dB Max. @26.5-40GHz
9	Power @ Common Port ¹	5 W @25°C
Environmental Specifications		
1	Operating Temperature	-55°C ~ +100°C
Mechanical Specifications		
1	Connectors	2.92mm-Female
2	Surface Finish	Passivated Stainless Steel
3	Dimensions ²	19.6x14.8x10mm
4	Weight	Approx. 7.5 g

Outline Drawing (Dimension in mm [in], Tolerance: ± 0.3 mm [± 0.01 in])



Ordering Information:

Model: **FS2PD5-0-40000-K**

Notes:

- 1: Power linearly derates to 0.5 W at 100°C.
- 2: Dimensions do not include connectors.
- 3: DC transmission is identical to AC at 50 Ω source/load impedance. For low-impedance high-current DC drive, internal port resistance causes voltage drop — DC feed is not recommended.