

DC-40GHz, 2 Way 2.92mm Resistive Power Divider

Specifications

1	Way	2
2	Frequency	DC-40 GHz
3	Impedance	50 Ω
4	VSWR	Input: 1.26 max (DC-26.5GHz); 1.38 max (26.5-40GHz) Output: 1.9 max (DC-26.5GHz); 2.1 max (26.5-40GHz)
5	Insertion Loss	<6.6 dB (DC-26.5GHz); <7.0 dB (26.5-40GHz)
	Isolation	11.5dB min (DC-26.5GHz); 12.0dB min (26.5-40GHz)
6	Input Avg Power	5 W @25°C (Derate linearly to 0.5 W at 100°C)
7	Peak Power	200 W (5 μ sec pulse width, 2% duty cycle)
8	Amplitude Balance	$\leq \pm 0.3$ dB (DC-26.5GHz) $\leq \pm 0.5$ dB (26.5-40GHz)
9	Phase Balance	$\leq \pm 2^\circ$ (DC-26.5GHz); $\leq \pm 4^\circ$ (26.5-40GHz)
10	Operating temp	-40°C ~ +100°C
11	Connector*	2.92mm female x3 ports Body: Stainless steel; Center contact: Gold plated BeCu
12	Housing	Stainless steel
13	Weight	8g

Input and output are not interchangeable.

* 2.92mm male x3 ports and 2.92mm female/male mixed ports available

Dimensions(mm) Tolerance $\pm 1\%$

