

RF Power Splitter / Combiner

Type TPU2-UHF-W2



Electrical Specifications:

Frequency Range	5 – 500 MHz
Impedance (nominal)	50 Ohms
VSWR input	1.10:1 typ. 1.20:1 max
VSWR output	1.05:1 typ. 1.15:1 max
Insertion loss (dB)	0.3 dB (typ) 0.6 dB (max)
Amplitude balance (max)	0.1 dB
Isolation (dB)	30 (typ.) / 23 (min)
Phase balance (max)	1 degree max
RF power	2 W

Description:

2-way SMA-Female power divider/combiner with an average power rating of 2 watts and frequency of 5-500 MHz

Mechanical Specifications:

Connectors	SMA female, stainless steel, Passivate
Connector pins	Beryllium copper, gold plate
Housing	Aluminum, RoHS compliant, Iridite
Insulators	PTFE Virgin electrical grade
Temperature	-55°C to +85°C
Weight (nominal)	52 g

Notes:

1. Insertion loss above 3.01 dB theoretical 2-way power divider split.
2. All output/power combiner ports are in-phase (0° difference).
3. 50 ohm nominal impedance standard.
4. Operating temperature from -55°C to +85°C.

