

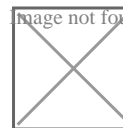


RFS TPS\* series of Tappers unevenly split high power cellular signals in fixed ratios from 30:1 to 2:1 with minimal reflections or loss over the wireless bands in the range 350 - 2700 MHz.

The innovative asymmetric design ensures an excellent input VSWR and coupling flatness across the band. The lightweight design allows easy attachment to a wall.

Designed with only a few solder joints and an air dielectric, loss is minimized and reliability enhanced.

Image not found or type unknown



#### FEATURES / BENEFITS

- Splits in ratio 2:1
- Small size and weight
- 200 Watt average power rating
- Minimal RF insertion loss
- High reliability
- N-female connectors
- Low PIM

## Technical features

#### STRUCTURE

Product Type		Unequal Divider/Tapper
Techn. Application		Indoor
Number of Input Ports		1
Number of Output Ports		2

#### ELECTRICAL SPECIFICATIONS

Frequency Range	MHz	350 - 960 1710 - 2700
Connector Type		N female
Max. VSWR / Return Loss	VSWR/dB	1.40/15.4 (1.4)
Insertion Loss max.	dB	1.8
Coupling Value	dB	4.8
Coupling Flatness max.	dB	+0.5/-0.8
Intermodulation (IM3)		150 dBc with 2x20 W tones

Impedance	Ohm	50
Input Power (Splitter mode) avg.	W	200

#### TEMPERATURE SPECIFICATIONS

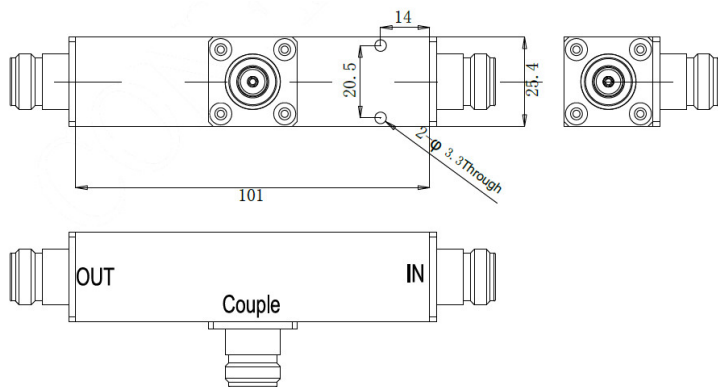
Temperature Range	°C (°F)	-10 to +55 (14 to +131)
-------------------	---------	-------------------------

#### MECHANICAL SPECIFICATIONS

Height	mm (in)	101 (3.98)
Width	mm (in)	25 (0.98)
Length	mm (in)	25 (0.98)

#### TESTING AND ENVIRONMENTAL

Environmental Class		IP65
---------------------	--	------



Dimensions in mm

[External Document Links](#)

[Notes](#)