RFS Technologies TPS\* Tapper product family has been designed to support a variety of wireless applications in the frequency band from 694 to 3800MHz. The units couple off a defined fraction of a RF signal from typically 3 to 30 dB with minimal reflections or loss. The broad frequency range is ideally suited for 3G / 4G / 5G multi-band distributed antenna systems or in combination with RADIAFLEX® radiating cables. Notably, these products feature a low level of network interferences due to their PIM optimized desing.



### FEATURES / BENEFITS

- · Splits in ratio 3:1 / 5dB
- · Minimized RF insertion loss
- · PIM optimized desing
- · Small size and weight
- · 716-female connectors

# **Technical features**

	ICT	

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

#### **ELECTRICAL SPECIFICATIONS**

Frequency Range	MHz	694 - 3800	
Connector Type		716 female	
Max. VSWR / Return Loss	VSWR/dB	1.40/15.5 (1.4)	
Insertion Loss max.	dB	1.3	
Coupling Value	dB	6.1	
Coupling Flatness max.	dB	+1.0 / -2.0	
Intermodulation (IM3)		155 dBc at 2 x 20W	
Impedance	Ohm	50	
Input Power (Splitter mode) avg.	W	200	

### **TEMPERATURE SPECIFICATIONS**

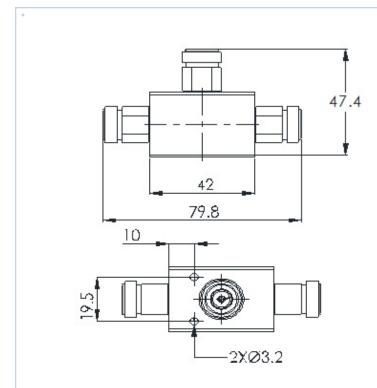
## **MECHANICAL SPECIFICATIONS**

Height	mm (in)	42 (1.65)
Width	mm (in)	28.5 (1.12)
Length	mm (in)	28.5 (1.12)

### **TESTING AND ENVIRONMENTAL**

<b>Environmental Class</b>	IP65

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**External Document Links** 

Notes

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