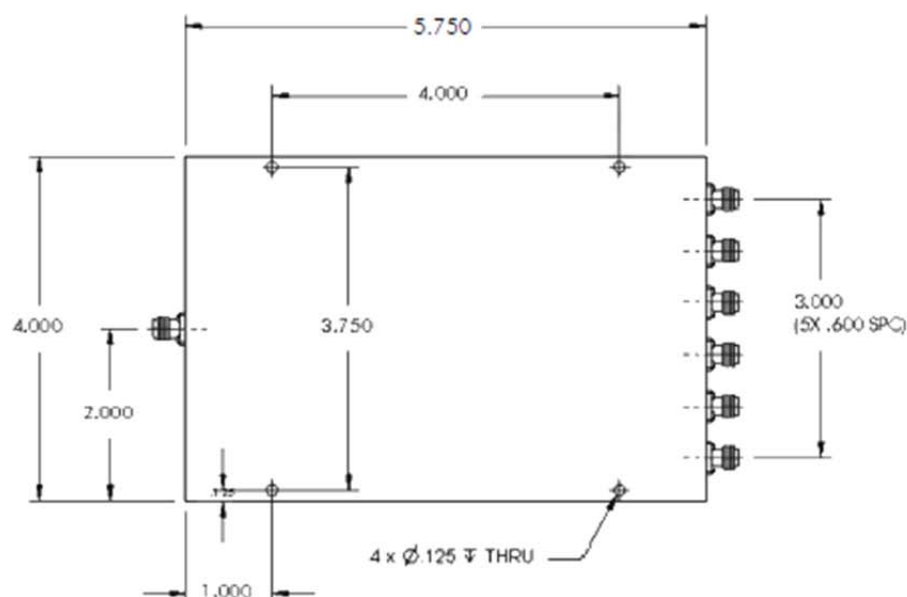


6-Way Power Divider, 2-18GHz SMA Female Connectors, 10Watts max Input Power



Features:
2-18GHz Range
High Isolation
Excellent Port Balance

Units: inches
Not to scale

Wideband 6-way splitter covering 2 to 18 GHz in a continuous bandwidth. Insertion loss at 18-GHz is typically 2.5 dB and typical amplitude and phase balance at 18-GHz is 0.5 dB and 10 degrees, respectively. While the isolation is specified at 15 dB minimum, production units have performed better than 18 dB across most of the band. For use in 50-ohm systems.

Order Examples: R6PD-2-18-Sf-10W-w18

Description: (6 Way Power Divider, 2-18GHz, SMA Female connectors, 10Watts Max input power)

Parameter		Unit
Frequency range	2-18	GHz
Insertion Loss (includes coupling split	2.5 @ 18GHz / 2.9	dB Typ. / Max.
Input Power*	10	Watts Max.
Return Loss (all ports)	-10.5dB Input / -9.5	dB Typ. / Max..
Isolation	15 / 18	dB Min. / Typ.
Phase Balance	<10 / 15	Degree Typ. / Max.
Amplitude Balance	0.5 / 1.0	dB Typ. / Max.
Operating Temperature	-40 to +85	°C
RF Interface	SMA Female	
RF Impedance	50	ohm
Environment	Indoor use only, Humidity 95% non-condensing	
Material	Aluminum 6061-T6	
Finish	Grey Acrylic Enamel	

R6PD-2-18-Sf-10W-w18

Specifications may be subject to change

11/29/16

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Tel: (408) 266-7404

FAX: (408) 266-4483

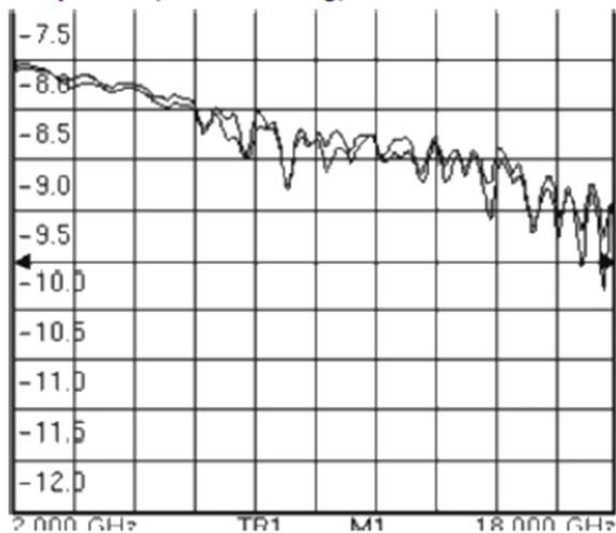
WEB: www.raditek.com

E-mail: sales@raditek.com

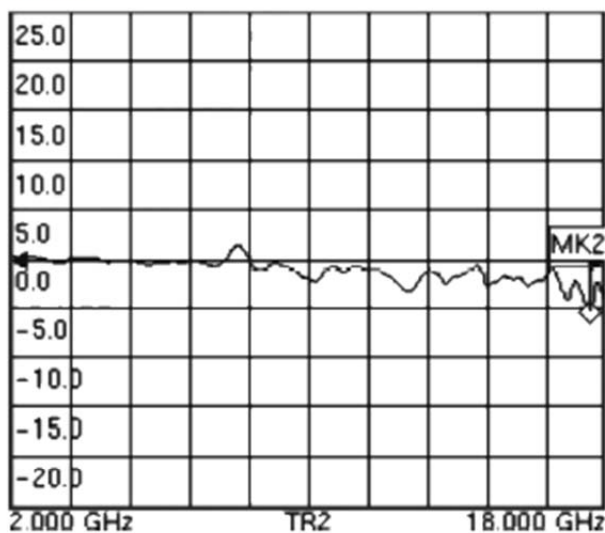
6-Way Power Divider, 2-18GHz **SMA Female Connectors, 10Watts max Input Power**

Performance plots

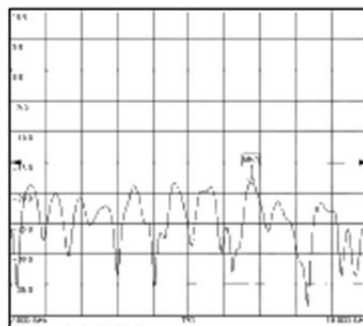
Amplitude (2% Smoothing)



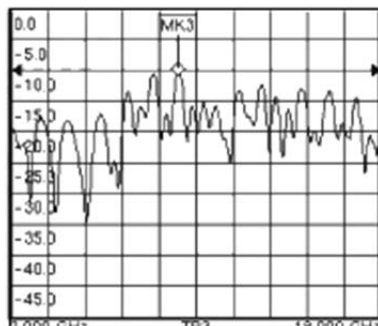
Phase



Isolation



Common Port Loss



Split Port Return Loss

