

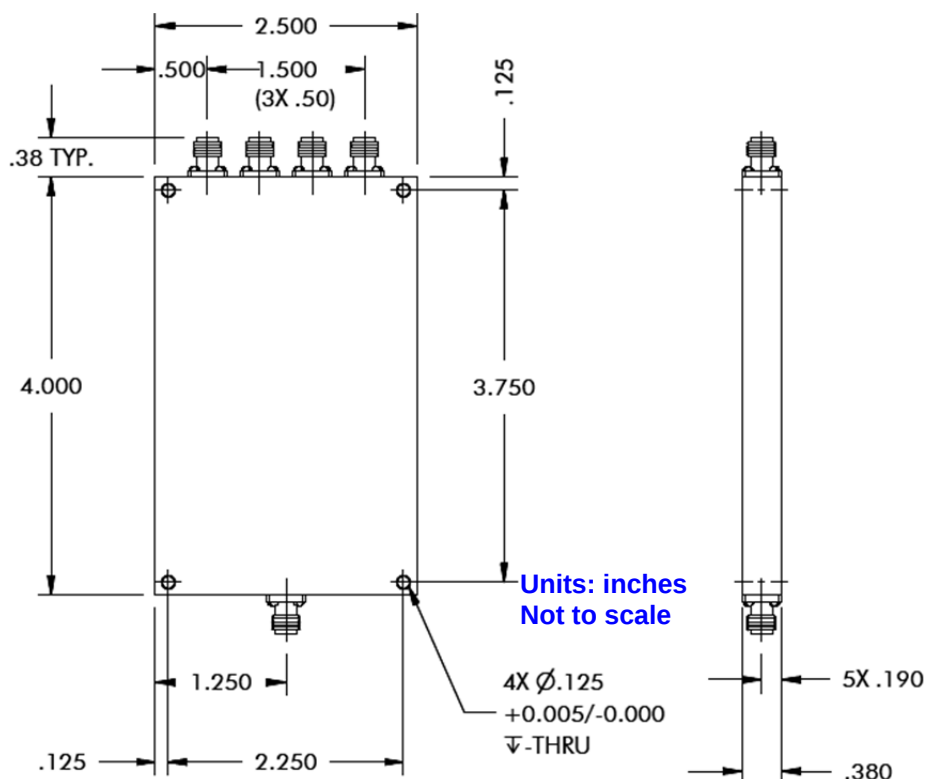
4-Way Power Divider, 2-18GHz SMA Female Connectors, 10Watts max Input Power



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

ALL LENGTH DIMENSIONS
TOLERANCE ± 0.010 " UNLESS
OTHERWISE SPECIFIED.

ALL DIAMETER DIMENSIONS
TOLERANCE ± 0.005 " UNLESS
OTHERWISE SPECIFIED



Wideband 4-way splitter covering 2 to 18 GHz in a continuous bandwidth. Insertion loss at 18-GHz is typically 1.0 dB and typical amplitude and phase balance at 18-GHz is 0.5 dB and 5 degrees, respectively. While the isolation is specified at 16 dB minimum, production units have performed better than 20 dB across most of the band. For use in 50-ohm systems.

Order Examples: R4PD-2-18-Sf-10W-w18

Description: (4 Way Power Divider, 2-18GHz, SMA Female connectors, 10Watts Input Power)

Specifications		Units
Frequency Range	2-18	GHz
Insertion Loss	1.0 / 2.4	dB Typ. / Max.
Input Power	10	Watts Max.
VSWR In/ Out	1.80 :1	max.
Isolation	16 / 20	dB Min./ Typ.
Phase Balance	5 / 10	Degree Typ. / Max.
Amplitude Balance	0.5 / 0.8	dB Typ. / Max.
Operating Temperature	-40 to +85	°C
Environment	Indoor use only Humidity 95% non-condensing	
RF Interface	SMA Female, 50 Ω	
Material	Aluminum 6061-T6	
Finish	Grey Acrylic Enamel	

Rated power for use as a coherent splitter into a load VSWR of 1.2:1 max / RoHS/REACH-compliant version available

R4PD-2-18-Sf-10W-w18

Specifications may be subject to change

11/29/16

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