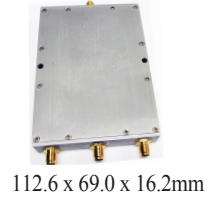


3 Way Power Divider

ABPDC-3-S-698-2700MHz

RoHS/ RoHS II compliant



MSL level: Not Applicable

FEATURES:

- 698-2700MHz Multi - Band Frequency Range
- 5 & 10 W Power Rating
- Low RF Insertion Loss
- Impedance: 50Ω
- Connectors: SMA(f)
- Housing : Aluminum

TYPICAL APPLICATIONS:

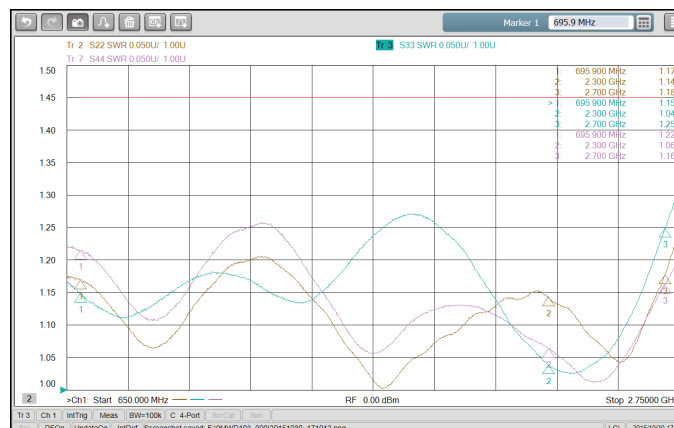
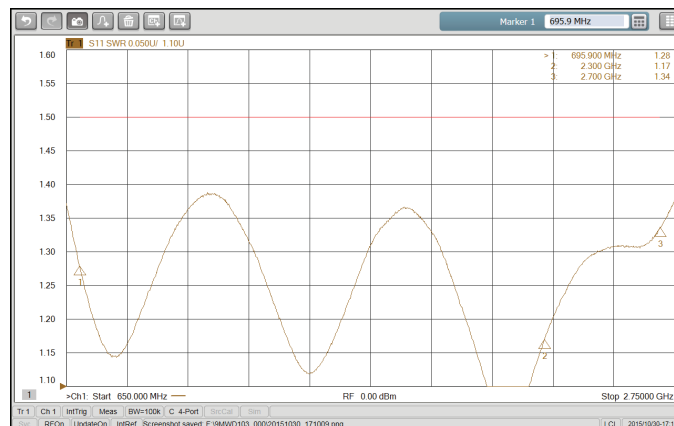
- Provides a signal sample for measurement or monitoring
- Combines feeds to and from antenna
- Antenna beam forming
- Multiband antennas and leaky cable systems such as UMTS or DAS connection

STANDARD SPECIFICATIONS:

Parameters	Min.	Typ.	Max.	Units	Note
Receiving Frequency Range	698		2700	MHz	
Input VSWR		1.4	1.5		
Output VSWR		1.3	1.45		
Insertion Loss			2.0	dB	(In addition to 4.77dB theoretical 3-way split loss.)
Output Isolation	17	20		dB	(698MHz ≤ freq < 2300MHz)
	13	17		dB	(2300MHz ≤ freq ≤ 2700MHz)
Power Rating		5		W	
Operating Temperature	-40		+85	°C	

SAMPLE TEST PLOTS:

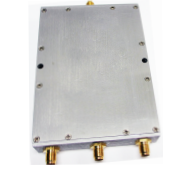
Port 1: IN, Port 2: OUT1, Port 3: OUT2, Port 4: OUT3



3 Way Power Divider

ABPDC-3-S-698-2700MHz

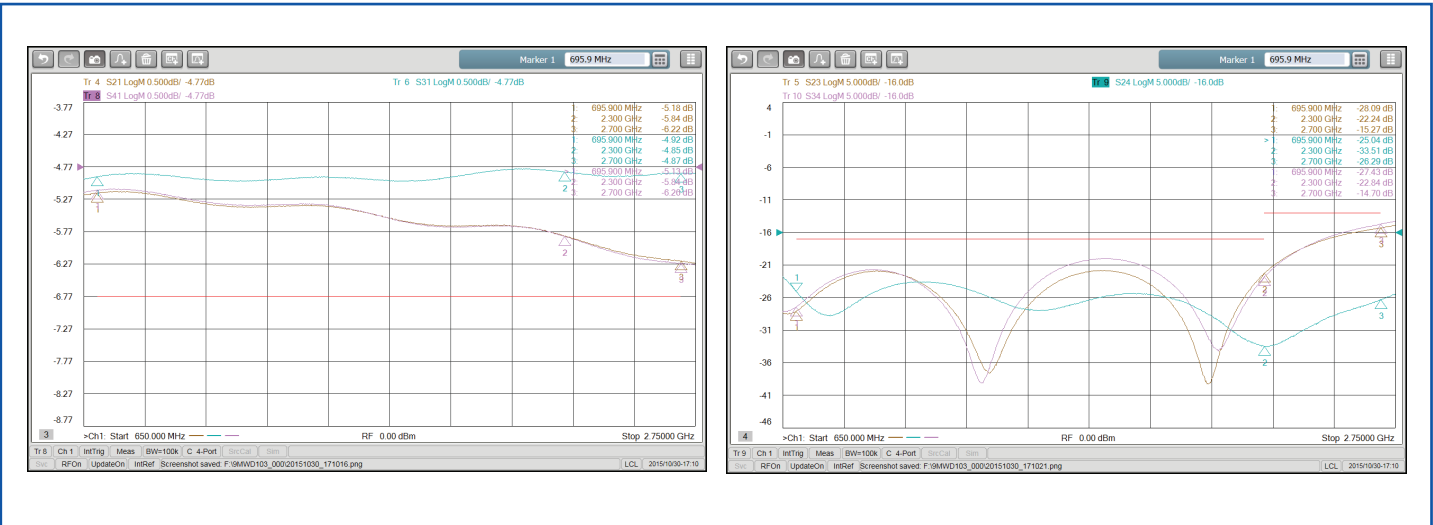
RoHS/ RoHS II compliant



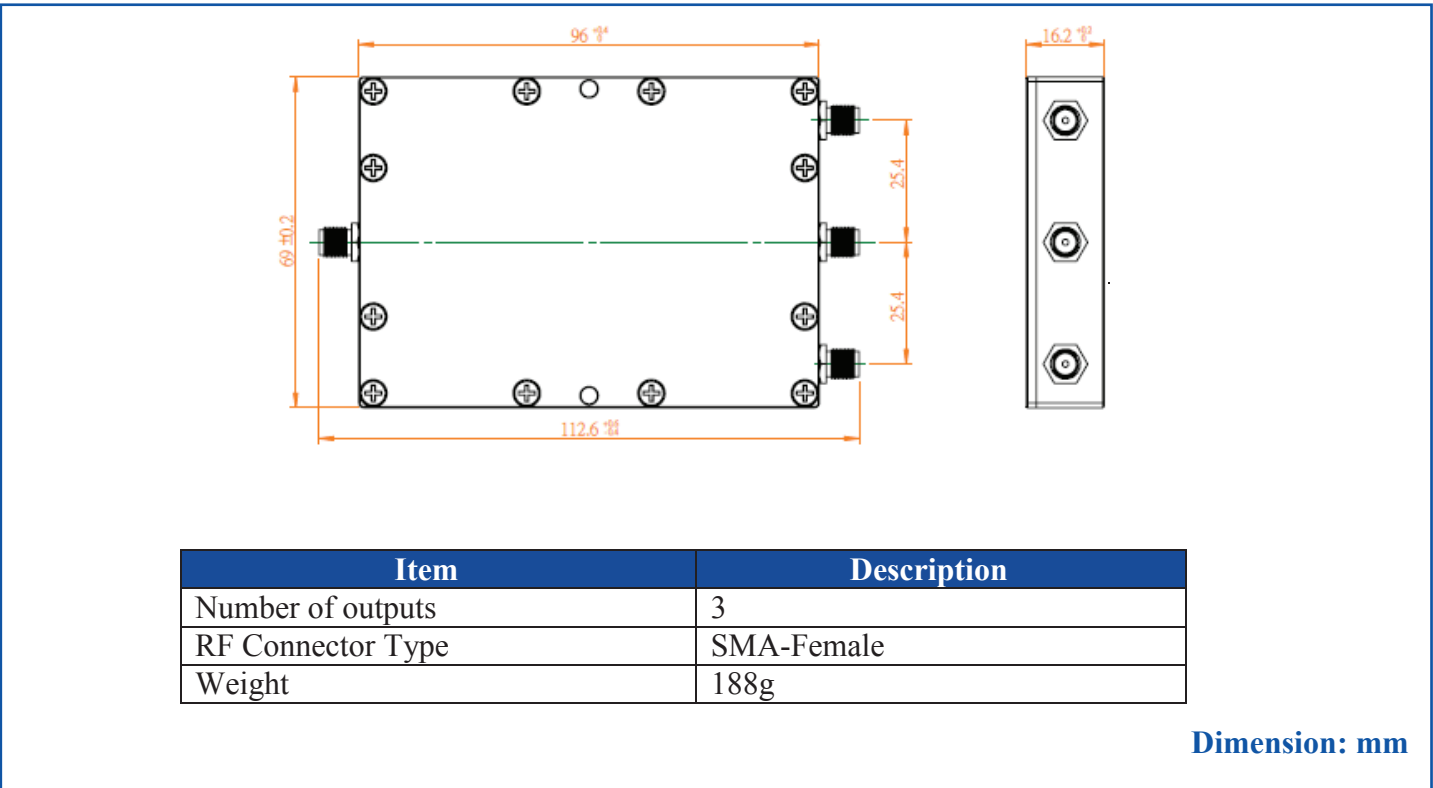
112.6 x 69.0 x 16.2mm

MSL level: Not Applicable

SAMPLE TEST PLOTS:



OUTLINE DIMENSION:



3 Way Power Divider

ABPDC-3-S-698-2700MHz

RoHS/ RoHS II compliant

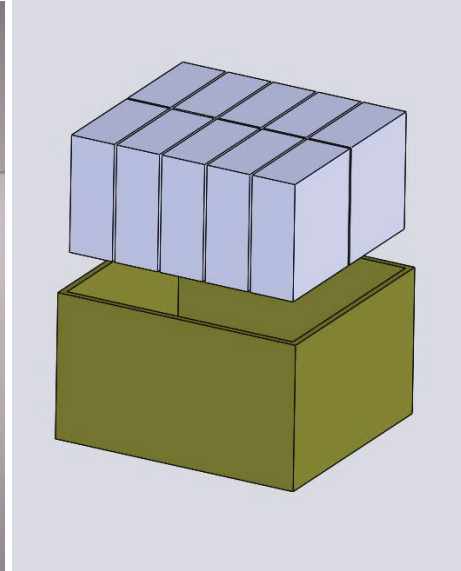


112.6 x 69.0 x 16.2mm

MSL level: Not Applicable

PACKAGING:

Each part is individually wrapped in a 141 x 93 x 20mm flip-top box. Each 200 x 120 x 161mm outer box contains 10 flip-top boxes.



ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

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