

LPD-752-16-2Q Lab Brick® Power Divider

700 – 7,250 MHz

Two - 16 Way Power Dividers

Rack Mount

Features/Benefits

- Excellent Amplitude Balance
- Low Loss
- Two 1:16 Power Dividers in a Single 1RU Package
- 19" Rack Compatible

Applications

- Wi-Fi, Wi-Fi 6E
- 3G, 4G, 5G
- Satellite



The Lab Brick series of Power Dividers bring affordability, simplicity and a miniature size to the microwave test bench. Vaunix offers standard products with 2, 4, 8 and 16 outputs that mount easily in nearly any environment.

The LPD-752-16-2Q is a dual package, 16 Way 0 degree power divider/combiner with a frequency range of 700 – 7250 MHz. The LPD-752-16-2Q has excellent amplitude balance along with high port to port isolation. This power divider is optimized for use with cellular and Wi-Fi/Wi-Fi 6E products.

LPD-752-16-2Q Specifications

Parameter	Test Conditions	Min	Typ	Max
Frequency	MHz	700		7,250
Number of Power Dividers			2	
Number of Ways			16	
Insertion Loss (not including 12 dB theoretical loss)	2 GHz (dB)		2.5	
	4 GHz (dB)		4	
	6 GHz (dB)		5	
	7.25 GHz (dB)		5.5	
Isolation	near ports (dB)		20	
	far ports (dB)		25	
VSWR	Input		1.5:1	
	Output		1.5:1	
Amplitude Balance	dB		1	
Phase Balance	Degrees		12	
Input Power	as Splitter (W)	20		
	as Combiner (W)	0.5		
Environmental	Operating Temperature	-30 °C to +60 °C		
	Relative Humidity (non-condensing)	<95%		
Connectors	RF Connector	SMA – female		
Mechanical	Size	19 x 6 x 1.75 inches 482.6 x 152.4 x 44.5 millimeters		
	Weight	8.0 pounds 3.64 kg		

LPD-752-16-2Q Performance



