

# Atlantic Microwave High Isolation Power Dividers

BPI Series

These High Isolation Power Dividers incorporate ferrite junction isolators within the branches of a Wilkinson divider structure to provide greater than 40dB isolation between output channels, combined with excellent VSWR.

- Frequencies in Range 10.7-14.5GHz
- 40dB Isolation between Channels
- 1.25:1 Output VSWR
- Compact Size
- 50 Watts Forward Power



Operating frequency range 10.7-14.5GHz



Compact



40dB Isolation



50 Watts



General Specifications	
Isolation between Channels	40dB min.
Reverse Isolation	20dB min.
Insertion Loss	1.5dB max.
Input VSWR	1.5:1 max.
Output VSWR	1.25:1 max.
Power	50 Watts CW
Operating Temperature	-55 to +85C
Impedance	50 ohms
Connectors	SMA Female
Finish	Paint
Size	50 x 74 x 15 mm (excluding connectors)

Model No	Frequency Range (GHz)
BPI-107-129-4	10.7-12.95
BPI-119-127-4	11.9-12.75
BPI-137-145-4	13.75-14.5

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.  
Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

