

# Low PIM Attenuator Series

## LPA-XWY-42

The LPA Series products are in-line attenuators for high power, consisting of coax cable-based low PIM attenuators. They cover a broadband range of 617-4200MHz and have excellent attenuation accuracy across the entire band. Also, these attenuators provide effective signal attenuation while maintaining high signal integrity by minimizing the generation of passive intermodulation distortion.

- Broadband (617-4200MHz)
- Low PIM In-line Attenuators
- Precision Attenuation Accuracy
- High Power Rated
- IP67 Outdoor Rated
- 4.3-10 Male/Female Connectors
- ROHS Compliant



Parameter		Specifications				
Model		LPA-40W3-42	LPA-25W6-42	LPA-20W10-42	LPA-20W15-42	LPA-20W20-42
Frequency Range [MHz]		617-4200				
Attenuation [dB]		3	6	10	15	20
Power Rating [W]		40	25	20	20	20
Attenuation Accuracy [dB]	Max.	±1.5	±1.5	±1.6	±1.6	±1.8
	Typ.	±1.3	±1.3	±1.4	±1.4	±1.6
PIM [dBc]		-155 @40dBm x 2tones (-161 dBc typical)				
Return Loss [dB]		17.5 @ 617-2500 MHz				
		16.5 @2500-4200 MHz				
IP Rating		IP67				
Operating Temp. [°F]		-4 to +158				
RF Connector	Input	4.3-10 Male				
	Output	4.3-10 Female				
Size (W x H x D)		6.22" x 2.2" x 2.2"				
Weight [lb]		1.8				

\* Specifications are subject to change without prior notification.

Rev.1

### Mechanical Drawing

