



- Low PIM Loads, PIM <math><-165\text{dBc}</math> @ 2x43dBm
- Low PIM Cables, PIM <math><-165\text{dBc}</math> @ 2x43dBm
- Adapters & Connector Savers  
PIM <math><-165\text{dBc}</math> @2x43dBm

## Loads



Whether for production or in the field, our low PIM loads excel. These loads are especially developed high demand test & measurement applications, that require accuracy and repeatability. The PLOAD100 series is used in production and for long duration PIM test runs. It is also available with forced air-cooling feature to keep the loads cool during operation. These 100W loads offer PIM ratings better than  $-165\text{dBc}$  @2x43dBm. Frequency range is 380/ 690 - 2700 MHz. They come with DIN 7/16 (f) connectors and a convenient handle.



PLOAD50 has been designed with field applications in mind. This 50W load offers PIM ratings better than  $-165\text{dBc}$  @2x43dBm. It comes with two connectors, DIN 7/16 (m) and DIN 7/16 (f), which is convenient because users need fewer adaptors when conducting their measurements. The load comes with an ear for carabine or sleeve.



## Cables



Low PIM cable type LIC308 for demanding test & measurement applications. This cable has extra long metal collars, protecting the cable connection against mechanical stress and maintain its low PIM performance. This cable is ideal for laboratory, production or field applications.

## Adapters



Our adapters come with guaranteed PIM of less than  $-165\text{dBc}$  @ 2 x 43dBm and are available in any DIN 7/16 or N configuration. Connector savers protect valuable equipment like PIM analyzers and Low PIM loads against port connector wear.

### RF & Microwave Technology

AWT-Global provides advanced telecommunication technology products and analyzers for a variety of RF and Microwave applications.

### Reliable Accessories

Accessories are as important for performing accurate and repeatable measurements as test & measurement systems. Our accessories are state of the art and designed especially for test and measurement applications. All cables and loads are 100% tested and come with serial numbers to ensure quality.

### Analyzers & Generators

AWT Global carries a wide variety of PIM test systems. Whether for field, applications, laboratory or production, we have the right PIM analyzers. Very low noise floor, high sensitivity, great accuracy, or widest dynamic range, our PIM analyzers excel.

# Technical Specifications and Order Information

## Low PIM Cables

Specifications	Connectors	Cable Length	Order Information
Frequency: DC - 3 GHz	DIN(m) - DIN (m)	1m (3ft)	LIC308-DMDM-1M
PIM (@2x43dBm): < -165 dBc	DIN(m) - DIN (m)	2m (6ft)	LIC308-DMDM-2M
VSWR: 1.25:1	DIN(m) - DIN(f)	2m (6ft)	LIM308-DMDF-2M
Power rating: 300W	N(m) - N (m)	1m (3ft)	LIC308-NMNM-1M
Attenuation: < 0.25dBm/m	N(m) - N (m)	2m (6 ft)	LIC308-NMNM-2M
Velocity: 81%			
Operating temperature: 0 to 50° C	Other connector configurations or cable lengths are available on request.		Please consult AWT Global.

## Low PIM Adapters

Specifications	Connection Types	Order Information
Frequency: DC - 3 GHz	DIN(m) - DIN (f)	ADA-DMDF
PIM (@2x43dBm): <-165dBc	DIN(m) - DIN (m)	ADA-DMDM
VSWR: 1.25:1	DIN(f) - DIN(f)	ADA-DFDF
Power rating: 300W	DIN(m) - N(f)	ADA-DMNF
Operating temperature: 0 to 50° C	DIN(f) - N(m)	ADA-DFNM
	DIN(f) - N(f)	ADA-DFNF
	DIN(m) - N(m)	ADA-DMNM
	N(m) - N(m)	ADA-NMNM

## Low PIM Loads

Description	Order Information
Low PIM Load 50W*, Frequency 698-2800 MHz, PIM <-165dBc @2x43dBm Connectors DIN 7/16(m) and DIN 7/16 (f), cylindrical form, ear for carabiner or sleeve. *power rating: 50W 25min, 10W permanent	PLOAD50
Low PIM Load 100W, Frequency 690-2800 MHz, PIM <-165dBc @2x43dBm Connector DIN 7/16(f), with transport handle.	PLOAD100
Low PIM Load 100W, Frequency 380-2800 MHz, PIM <-163dBc @2x43dBm Connector DIN 7/16(f), with transport handle.	PLOAD100L
Low PIM Load 100W, forced air cooled. 690-2800 MHz, PIM <-165dBc @2x43dBm Connector DIN 7/16(f), transport handle, incl. 100-240VAC / 12 V power supply	PLOAD100-F
Low PIM Load 100W, forced air cooled. 380-2800 MHz, PIM <-163dBc @2x43dBm Connector DIN 7/16(f), transport handle, incl 100-240VAC / 12 V power supply	PLOAD100L-F

### Product Quality

AWT is committed to providing our customers with products meeting the highest quality standards. All AWT products undergo thorough quality checks and are ISO 9001 and ISO 14001 certified.

For more information on any of our products or services please visit our Web site: [www.awt-global.com](http://www.awt-global.com)