Applications:

- Instrumentations
- Test Bench
- Assembly Modules

Features:

- Low Return Loss
- High Power Handling
- High Quality

Descriptions:

3J Microwave, Inc. offers medium and high power termination Load in 8 waveguide bands. The precise fabrication fixtures and quality control procedure are utilized to ensure the high quality. These medium and high power termination load can be used for integration of receivers, transmitters, modules, transceivers. They are excellent choices for instrumentation, RF power testing, radar and tele-communications etc. The power termination loads are sorted in two categories: 1) ***MPL*** series medium power termination loads; 2) ***HPL*** series high power termination loads.

MPL Series Waveguide Termination load Specifications:

Model No.*	WG Type	Freq Range (GHz)	Power Handling (W)	Return Loss (dB)	RF Connector	Outline
MPL-x-00	WR-42	18 to 26.5	50	-31	UG595-U	Page 4-28
	WR-34	22 to 33	50		UG595-UM	
	WR-28	26.5 to 40	40		UG599-U	
	WR-22	33 to 50	30		UG383-U	
	WR-19	40 to 60	30		UG383-UM	
	WR-15	50 to 75	20		UG385-U	
	WR-12	60 to 90	20		UG387-U	
	WR-10	75 to 110	20		UG387-UM	

* Please see "how to order" for the model number details

How to Order:

MPL-x-00

Waveguide Type — Factory Reserved

WG-BAND	K	WR34	Ka	Q	U	V	E	W
Designation	K	J	R	Q	U	V	E	W

Model No. Example:

Model Number of a K-Band Medium Power Termination Load:

MPL-K-00

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HPL Series Waveguide Termination load Specifications:

Model No.*	WG Type	Freq Range (GHz)	Power Handling (W)	Return Loss (dB)	RF Connector	Outline
HPL-x-00	WR-42	18 to 26.5	300	-30	UG595-U	Page 4-28
	WR-34	22 to 33			UG595-UM	
	WR-28	26.5 to 40			UG599-U	
	WR-22	33 to 50			UG383-U	
	WR-19	40 to 60			UG383-UM	
	WR-15	50 to 75			UG385-U	
	WR-12	60 to 90			UG387-U	
	WR-10	75 to 110			UG387-UM	

* Please see "how to order" for the model number details

How to Order:

HPL-x-00

Waveguide Type ← Factory Reserved

WG-BAND	K	WR34	Ka	Q	U	V	E	W
Designation	K	J	R	Q	U	V	E	W

Model No. Example:

Model Number of a W-Band High Power Termination Load:
HPL-W-00

Outlines:

Please see Section 4-11, Page 4-28 for the outline details

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