

DSPIMLOAD-K and DSPIMLOAD-L

0.1–6 GHz 300 Watt PIM Load Kit and PIM Load



DSPIMLOAD Kit (DSPIMLOAD-K), Open View



DSPIMLOAD Kit (DSPIMLOAD-K), Closed View

Kit Features and Benefits

- Integrated mounting tabs for hanging on side of rack cabinet or on tower cross members.

Ordering Information

Model	Description
DSPIMLOAD-K	PIM Load Kit
DSPIMLOAD-L	PIM Load Only

Kit Dimensions and Weight

Dimensions and Weight	
Width:	14 in (0.36 m)
Depth:	22 in (0.56 m)
Height:	12 in (0.30 m)
Weight:	40 lb (18.2 kg)

Kit Includes:

Part Number	Description
DSPIMLOAD-L	PIM Load
904088-001	6-ft cable with 4.3-10 male-male connectors
904087-001	6-ft cable with Type N male-male connectors
077079-919	PIM-rated directional coupler with 7/16 DIN male and female connector ports, and a Type N female coupling connector port
077079-917	4.3-10 male to 7/16 DIN female adapter
077079-918	4.3-10 female to 7/16 DIN male adapter
077079-924	7/16 DIN torque wrench
077079-925	4.3-10 torque wrench
077079-928	Case

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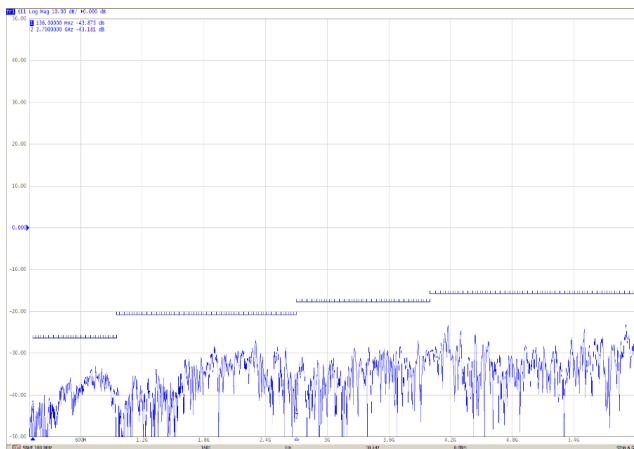


DSPIMLOAD Load (DSPIMLOAD-L), End-Angle View

Load Features and Benefits

- Guaranteed Low PIM for Tower Site troubleshooting/manufacturing PIM test setup
- 300 Watt Average Power
- Compact portable design covers VHF, UHF, Public Safety, 4G, and 5G bands
- PIM stable with 4.3-10 connector

Typical Return Loss



Load Specifications

Electrical				
Frequency Range (MHz)	100–950	950–2700	2700–4000	4000–6000
VSWR	1.1:1	1.2:1	1.3:1	1.4:1
Channel Power Maximum	300 Watts avg. 6 kW Peak			
5 minutes max:	Up to 300 Watts avg. (see notes below)			
10 minutes max:	Up to 200 Watts avg. (see notes below)			
20 minutes max:	Up to 100 Watts avg. (see notes below)			
30 minutes max:	Up to 40 Watts avg. (see notes below)			
PIM Rating	165 dBc @ 2x +43 dBm tones @ 850 MHz			
Impedance	50 Ohms			
Mechanical				
Construction/Finish	Paint Black			
Mounting Brackets	Handle (see outline)			
Do Not Exceed Maximum Temperature of 94° C	See temperature indicator on front of PIM load.			
Input Connector	4.3-10 Female w/ connector saver			
Mounting	See outline			
Environmental Temperature	-0°C to +40°C			
Dimensions and Weight				
Width:	5.5 in (140 mm)			
Depth:	8.5 in (216 mm)			
Height:	5.25 in (134 mm)			
Weight:	15 lb (7kg)			

Notes:

1. Average power rating is total composite channel power @ input port to PIM termination.
2. Time is maximum time at average power input to not exceed the maximum PIM load temperature.

Outline Drawing

