PRODUCT DATASHEET

TERP-DE-3800-100W

Load, 7/16 female, 100 Watt, PIM rated

The TERP-DE product family consists of coaxial loads supporting an operational frequency band from 698MHz up to 3800MHz. The products are ideally suited for termination of unused ports in distributed antenna systems or in RADIAFLEX® radiating cables systems. The loads feature an outstanding PIM performance to avoid interferences in 3G / 4G / 5G communication systems.

NO IMAGE AVAILABLE

FEATURES / BENEFITS

- **Wideband coaxial load supporting all wireless services in the frequency band 698-3800MHz**
- **Ideally suited for 2G / 3G / 4G / 5G wireless communication networks**
- **PIM optimized design to avoid network interferences**
- **7/16 female interface**

Technical features

GENERAL SPECIFICATIONS

Product Type		Load
Techn. Application		Indoor

ELECTRICAL SPECIFICATIONS

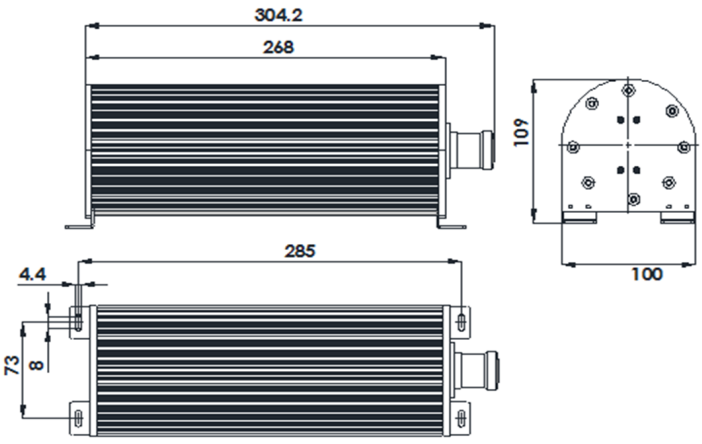
Frequency Range	MHz	698 - 3800
Impedance	Ohm	50
Intermodulation (IM3)		-160dBc @ 2 x 43dBm
Max. VSWR / Return Loss, dB	VSWR/dB	/19
Total Input Power	W	100

MECHANICAL SPECIFICATIONS

Input Connector Type		7/16 female
Height	mm (in)	109 (4.29)
Width	mm (in)	100 (3.94)
Length	mm (in)	304.2 (11.98)

TEMPERATURE SPECIFICATIONS

Temperature Range	°C (°F)	-25 to 65 (-13 to 149)
Environmental Class		Indoor



All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

External Document Links

Notes

Derated power by -1.5%/°C above 50°C

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