PRODUCT DATASHEET

TERP-E-3800-50W

Load, N female, 50 Watt

The TERP-N-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.



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**
- **N 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	50

MECHANICAL SPECIFICATIONS

Input Connector Type		N female

TEMPERATURE SPECIFICATIONS

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

External Document Links

Notes

Derated power by -1.5%/°C above 50°C

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