



- CCI's high power low PIM termination load support 30W across a wideband from DC to 4200 MHz
- Excellent return loss performance
- Available with Male 4.3-10 (or optional 7-16) Connectors
- High reliability design
- Designed for ultra low PIM performance
- RoHS compliant

Overview

CCI's high power low PIM termination load covers a broad frequency range from DC to 4200 MHz, while delivering high power performance of up to 30 Watts. This load has excellent return loss performance. The unit is ideal for optimizing RF power distribution, which is often required for distributed antenna systems (DAS).

The extremely wide frequency range allows use with multiband and broadband antennas as well as leaky cable systems. The high power handling makes this load well-suited for use with wireless base stations. The load has been designed and constructed with minimal solder joints which assures the correct dissipative loss and enhances the overall reliability.

The attenuator can be configured with either Male 4.3-10 (or optional 7-16) connectors.

CCI filter and combiner products are designed and produced to ISO 9001 certification standards for reliability and quality at our state-of-the-art engineering and manufacturing facilities.



DAS Products

SPECIFICATIONS

High Power Low PIM Load

TMO-88-30-xx

Electrical Specification

RF Parameter	
Frequency Range	DC - 4200 MHz
Return Loss	≤-19 dB typ

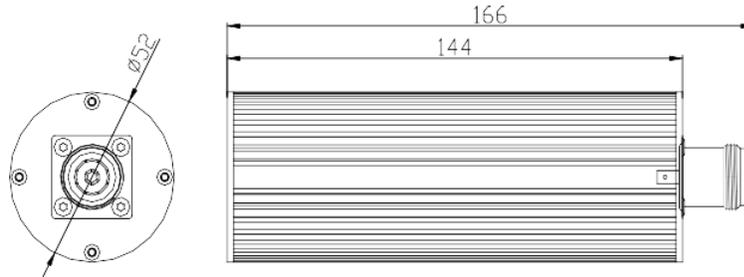
General Characteristics	
Continuous Average Power	30 W
Impedance	50 ohms
Intermodulation Performance	<-117 dBm (-1 dBc) min; (2 x +43 dBm tones) over 698 - 2700 MHz

Environmental Specification

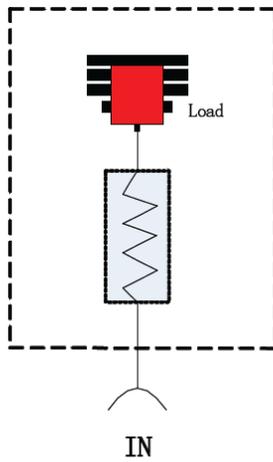
Operating Temperature	-25 °C to +65 °C
Ingress Protection	IP65

Mechanical Specification

Model	LDI-88-30-xx
Connectors	4.3-10 (or optional 7-16) Male x 1
Body Dimensions	144.0 x 52.0 Dia. mm (5.67 x 2.05 Dia. in.)
Weight	0.6 Kg (1.32 lbs)



30 W Low PIM Termination Load with DIN Female Connector Outline Drawing



High Power Low PIM Load Block Diagram



DAS Products

STANDARDS & CERTIFICATIONS

High Power Low PIM Load

TMO-88-30-xx

Parts & Accessories

- TMO-88-30-M1** High Power, Low PIM 30 Watt Termination Load with optional 7-16 Male Connector
- TMO-88-30-M2** High Power, Low PIM 30 Watt Termination Load with 4.3-10 Male Connector

Standards & Compliance

- Safety** EN 60950-1, UL 60950-1
- Emission** EN 55022
- Immunity** EN 55024
- Environmental** IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-5, IEC 60068-2-6, IEC-60068-2-11, IEC 60068-2-14, IEC 60068-2-18, IEC 60068-2-27, IEC 60068-2-29, IEC 60068-02-30, IEC 60068-2-52, IEC 60068-2-64, GR-63-CORE 4.3.1, EN 60529 IP20

Certifications

Federal Communication Commission (FCC) Part 15 Class B, CE, CSA US, ISO 9001

