

+5 to +33 dBm

Limiter

RLM-751-2WL+

50Ω Broadband 3 to 750 MHz

The Big Deal

- Wideband, 3 to 750 MHz
- Low Insertion Loss, 0.20dB typical
- Fast Recovery Time, 4nSec
- Excellent VSWR 1.13:1 typical
- Low leakage power, 8dBm typical



CASE STYLE: TT1224

Product Overview

RLM-751-2W+ constitutes a very reliable limiting component. It exhibits typical output leakage powers of 7.2dBm at 30 and 32dBm input powers throughout the 3 to 750 frequency range. It also presents an excellent delta output power versus the delta input power of 0.3dB/dB typical, within its input power limiting range of 12 to 32dBm. It's low insertion loss combined with the excellent return loss, recovery and response time features, makes this component suitable for many applications.

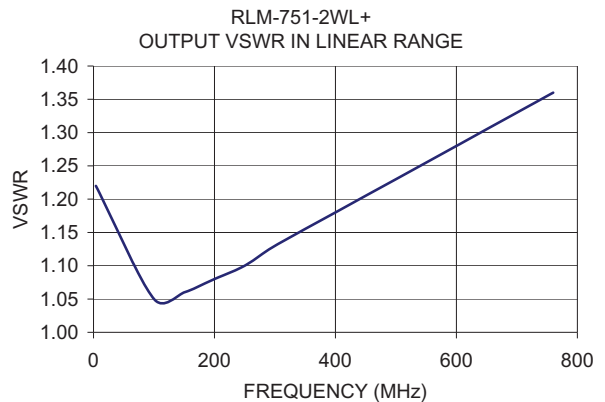
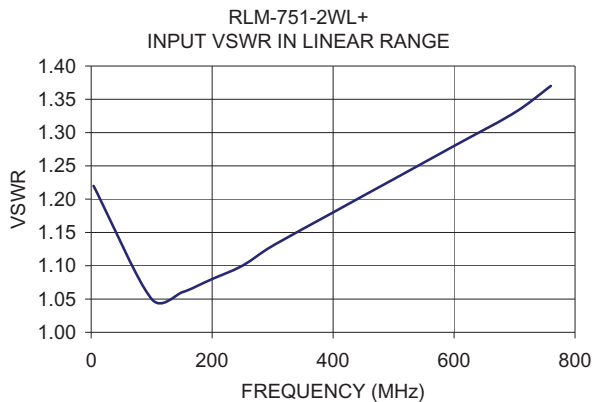
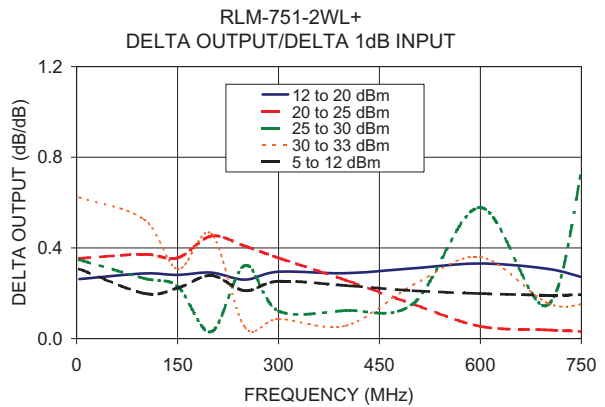
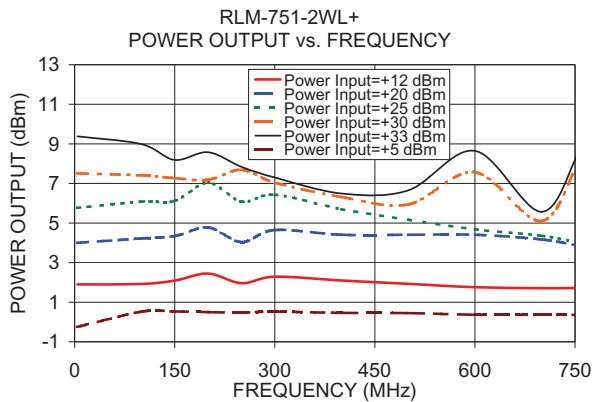
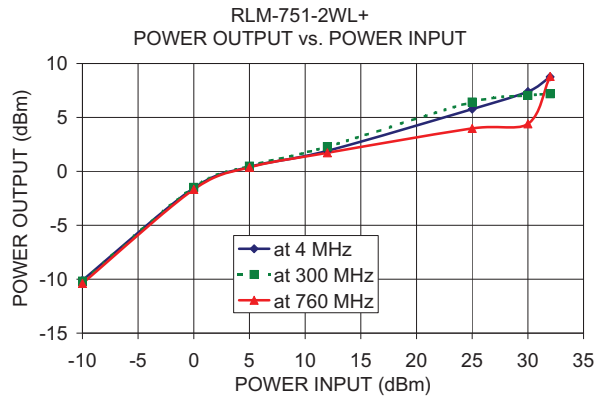
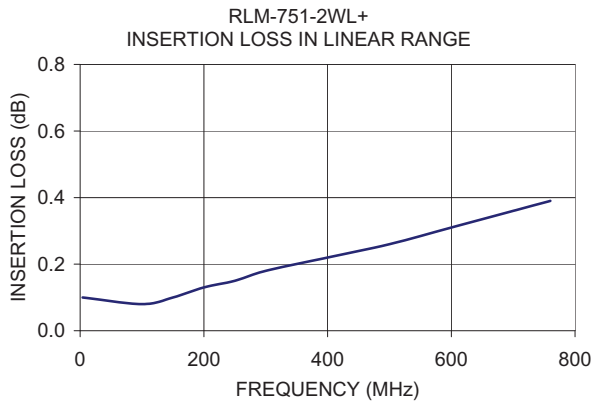
Key Features

Feature	Advantages
Diode Limiting	The special combination of diode technologies allows for fast response and recovery times at the same time as low leakage output powers are obtained
Broad band	Its operational frequency range is suitable for many military and civil applications.
Input & Output matched	Allows for an easy and power efficient integration of the component when it is placed in a cascaded fashion within a complex system.
Low Insertion Loss of 0.20 dB typical at the low drive regime.	Minimizes the impact on the overall system's insertion loss for low drive signals.

Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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