

# RF Laboratories Australia Pty Ltd

## PASSIVE INTERMODULATION ( PIM ) Standard / References

### PR8 Series

These PIM Standards are manufactured to create a Passive Intermodulation reference level when excited by two 20 Watt Carriers at specified frequencies for the calibration and Checking of Passive Intermodulation Testers.

#### Specifications

Connectors 7/16 Male to Female

- PR-81 - 90 dBc @ 2 x 20 Watt Carriers ( 869 & 891.5 MHz )
- PR-82 - 100 dBc @ 2 x 20 Watt Carriers ( 869 & 891.5 MHz )
- PR-83 - 110 dBc @ 2 x 20 Watt Carriers ( 869 & 891.5 MHz )

All standard are to be used in accordance with their specified frequency and nominated power levels for accurate results.



#### Operation

Connect PR-XX onto the Test Port of the Intermodulation tester test port and terminate with a LOW PIM Termination. ( The Termination PIM should be lower than the PIM reference Specification )