

HIGH ISOLATION POWER COMBINER

PBR-0003

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IP3 measurement using high isolation power combiner

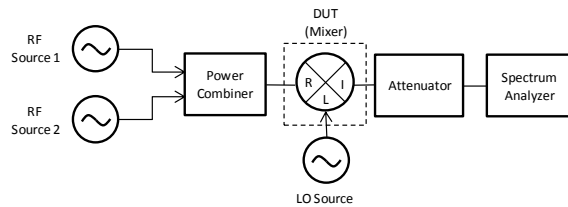


Fig. 1. Mixer IP3 measurement

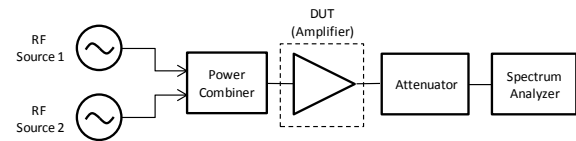


Fig. 2. Amplifier IP3 measurement

Typical Performance

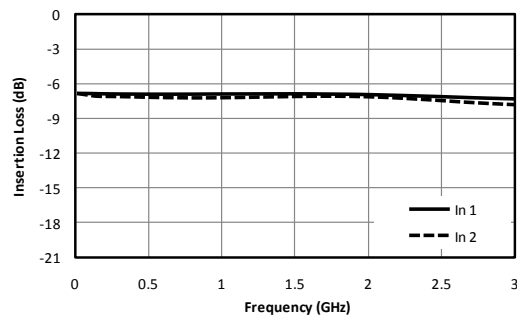


Fig. 3. Input port to common port insertion loss.

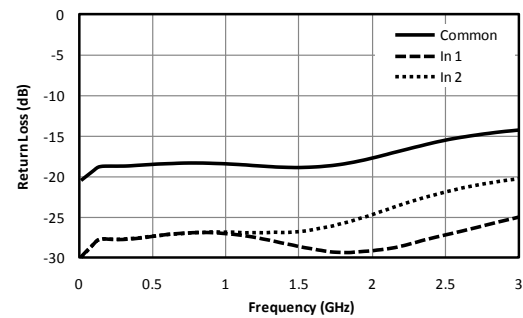


Fig. 4. Return loss for input and common ports.

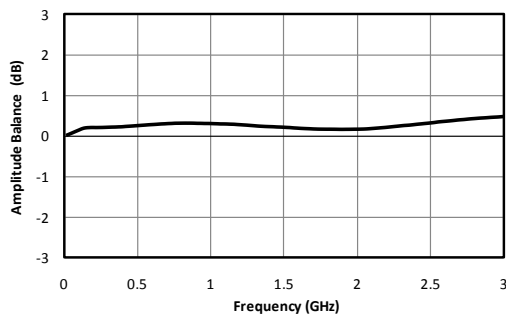


Fig. 5. Amplitude balance between input ports.

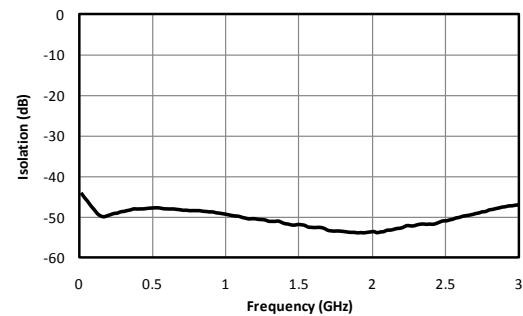


Fig. 6. Isolation between input ports.



Model Number	Description
PBR-0003	300 kHz – 3 GHz Power Combiner with SMA connectors ¹ , LEAD-FREE/RoHS COMPLIANT

¹Default is SMA female connectors. Consult factory for other connector options.

Revision History

Revision code	Revision Date	Comment
-	October 2011	Initial Datasheet release
A	September 2015	Amplitude balance specs update
B	November 2019	RoHS Compliant Assembly

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