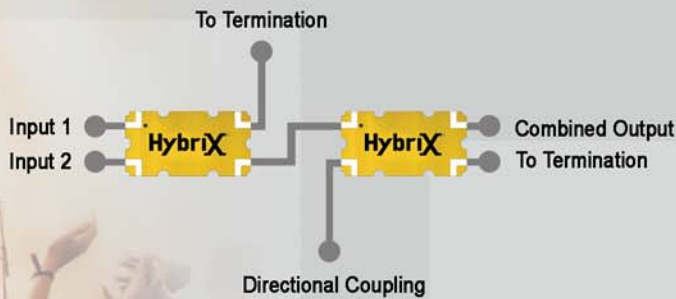


The DouplerTM

Half the Insertion Loss - Single Package

Previous Implementation



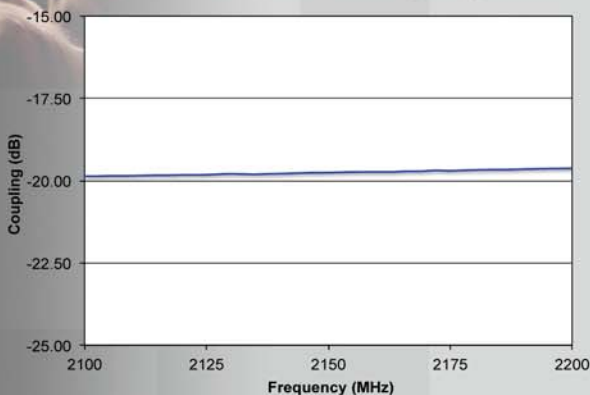
Doupler Implementation



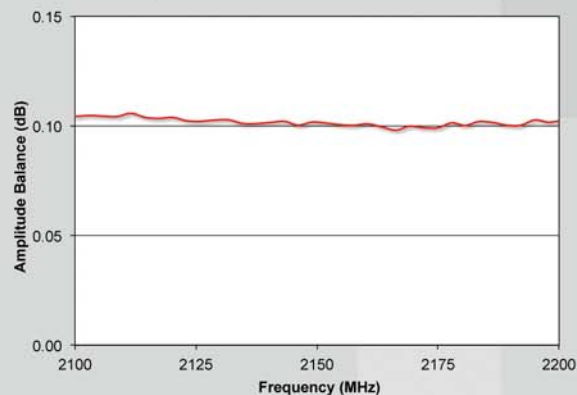
Typical In-band Performance

Insertion Loss	Directivity	Power Handling	Hybrid Coupling	Directional Coupling
0.2 dB	20 dB	200 W	3 ± 0.15 dB	20 dB

Directional Coupling



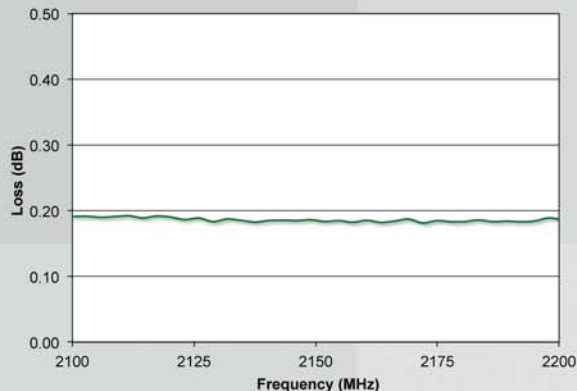
Hybrid Amplitude Balance



Power Combining Applications:

UMTS	Part Number: DHDL20F
PCS	Part Number: DHDK20F
GSM 1800	Part Number: DHDJ20F
WGS	Part Number: DHDD20F
CDMA	Part Number: DHDT20F
LTE	Part Number: DHDV20F

Doupler Insertion Loss



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