

Crossband Couplers

800-2200 / 2400-2500 MHz

SP0000-1161-11



These crossband couplers are ideal for low and medium power applications utilising the Cellular and WLAN frequency bands. Typical applications include the combining or separating of signals for signal distribution systems or bi-directional amplifiers (BDAs).

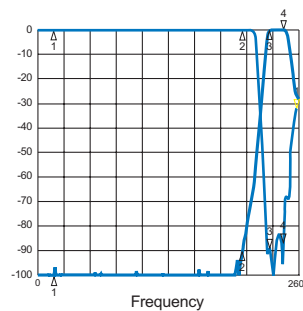
Models are available to suit other frequency band combinations, or to provide “cascaded” combining of multiple frequency bands from 50MHz to 2500MHz thereby providing for the combining or separation of VHF, UHF, Cellular and WLAN services.



Features:

- Compact Package Size
- Rugged Construction Style
- Low insertion loss
- High isolation between bands
- Excellent temperature stability
- Silver-plated connectors for improved PIM performance

Typical response



Electrical

Model Number	SP0000-1161-11
Frequency <i>MHz</i>	800-2200/2400-2500
Insertion Loss <i>dB</i>	<0.3 / <0.6 (typ)
Return Loss <i>dB</i>	> 18 (typ)
Isolation <i>dB</i>	> 80
Power Rating <i>W</i>	50
Impedance Ω	50

Mechanical

Construction	Milled aluminium, painted black	
Dimensions <i>mm/ inches</i>	H	27 / 1
	W	125 / 5
	L	205 / 8
Weight <i>kg/lb</i>	0.78 / 1.6	
Connectors	N female	
Temperature	-30 to +70°C / -22 to +160°F	