

STANCOM Pty Ltd

SP001 2-Way Power Splitter/Combiner

The SP001 is a low loss high isolation power splitter combiner for 0.5MHz to 100MHz applications. It can be used to combine two signal generators with high isolation and low loss. This ensures inter-modulation products are not produced in the signal generators output. Other applications include RF splitting for Antennas. Two receivers can be connected to the same antenna with a maximum of 3.4dB loss.



Specification:

Parameter	Limits
Frequency Range	0.5 – 100MHz
Combining/Splitting loss	3.4dB Max (Typ 3.2dB).
Return loss all ports	<-20dB
Isolation (Split Ports)	>30dB
Combing Phase	0° +/- 0.5°
Connectors input/output	N-Type (f)
Dimensions	25mm x 50mm x 50mm.
Temperature	Operating -10 to +55 DegC