

**SPL015 – 8-Way ring  
combiner, high loss 57dB.  
DC-1GHz, 5W CW**

The SPL015 High Isolation/Loss Combiner is a specialised combiner for testing or evaluating multiple handset or low power transceivers in the DC – 1000MHz range. The standard loss is 57dB and additional loss can be added by using external attenuators. Each port is designed to handle 5W CW.



Figure 1 – SPL015

## Specification:

Parameter (Masthead)	Limits
Frequency Range	DC – 1000MHz
Any port to port Loss	DC-500MHz 57dB +/-0.5dB
	500-1000MHz 57.5dB +/-0.75dB
Power Rating any Port	5W
Input return loss	< -20dB
Output Return Loss	< -20dB.
Number of Ports	8
Input Impedance	50Ω
Output Impedance	50Ω
Connectors	N type Female. (Optionally BNC can be fitted)

## Mechanical:

Case Size.	103 x 93 x 21mm (Excluding Connectors)
Weight:	<1kg
Material	Aluminium Main housing.

## Environmental:

Temperature:	-10 to +55 °C
(Module can be fitted to heatsink for greater dissipation).	