



global **invacom** Professional



VSAT 2 WAY ACTIVE COMBINER

V-CO2/AN-DC1

Description

The Global Professional VSAT ACTIVE 2 way Combiner has been designed to combine the L band from a typical VSAT system with zero insertion loss.

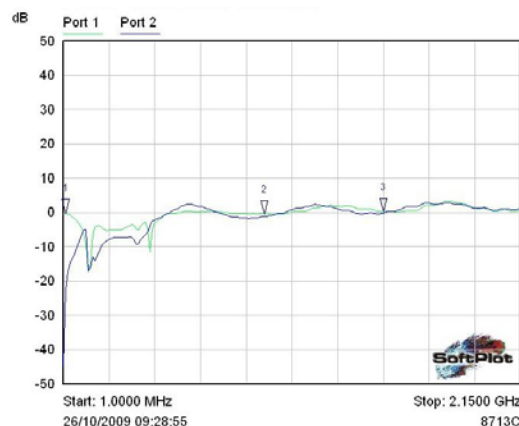
Port one on the combiner will also allow DC and a 10MHz Reference signal to pass through. The 2nd port is blocked to both DC and 10MHz.

The unit can be line powered from the DC voltage on port one, or if this is not present, from the DC solder feed through on the unit.



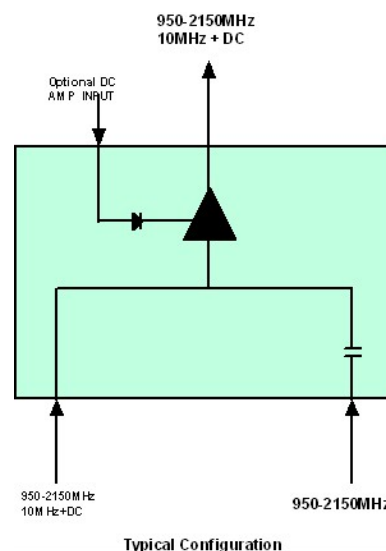
Specifications

Frequency Pass	Port 1, 2
950MHz - 2150MHz	
10MHz	Port 1 ONLY
L Band Through Loss	
950 - 2150MHz	0dB \pm 0.5dB
10MHz Through Loss	0.5dB
Port to Port Isolation	20dB
Return Loss	15dB
DC Passing	Port 1 ONLY
MAX DC Voltage Feed through	48Volts
MAX DC Current Feed through	5 AMP
MAX DC Supply Voltage to Solder Feed through	48 VOLTS
Current Consumption	60mA
Connectors	'N' type as standard 50 Ohm
Dimensions	90mm x 80mm x 30mm
Mounting Dimensions	78mm x 32.5mm
Weight	250 grams
RoSH/WEEE Compliant	YES



Mkr	Trace	X-Axis	Value	Notes
1	Port 1	11.7450 MHz	-0.18 dB	
2	Port 1	946.5600 MHz	-0.57 dB	
3	Port 1	1.5053 GHz	0.20 dB	

Port 1 L Band + 10Mhz
Port 2 L Band + 10Mhz Blocking



**Other Connector configurations available
upon request.**