



VSAT 8 WAY ACTIVE Combiner

V-CO8/AN-DC1

Description

The Global Professional VSAT ACTIVE 8 way Combiner has been designed to combine 8 feeds of L band from a typical VSAT system with zero insertion loss.

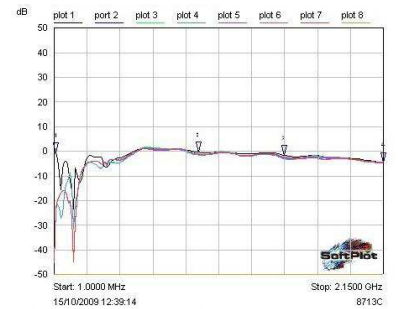
Port one on the splitter will also allow DC and a 10MHz Reference signal to pass through. The remaining 7 input ports are blocked to both DC and 10MHz.

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

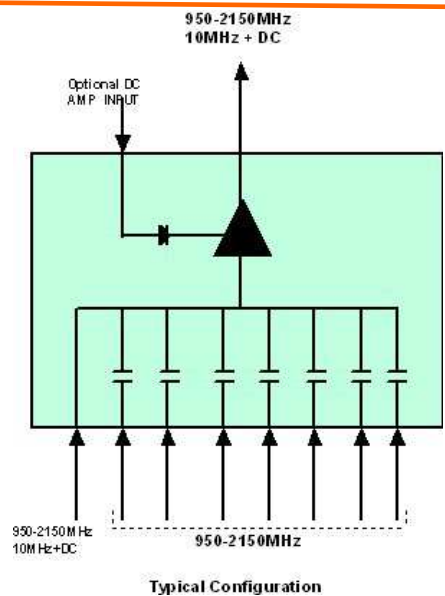
Frequency Pass	Port 1, 2, 3, 4, 5, 6, 7, 8
950MHz - 2150MHz	
10MHz	Port 1 ONLY
L Band Through Loss 950 -2150MHz	0dB ±3dB
10MHz Through Loss	0.5dB
Port to Port Isolation	20dB
Return Loss	15dB ±1dB
DC Passing	Port 1 ONLY
MAX DC Voltage Feed through	48 Volts
MAX DC Current Feed through	5 AMP
MAX DC Supply Voltage to Solder Feed through	48 Volts
Current Consumption	60mA
Connectors	'N' type as standard 50 Ohm
Dimensions	180mm x 100mm x 23mm
Mounting Dimensions	212.5mm x 88.5mm
Weight	1200 grams
RoSH/WEEE Compliant	YES



Mtr	Trace	X-Axis	Value	Notes
1	plot 1	11.7450 MHz	-0.61 dB	
2	plot 1	946.5600 MHz	-0.36 dB	
3	plot 1	1.5053 GHz	-1.60 dB	
4	plot 1	2.1500 GHz	-4.47 dB	

- plot 1 F800238-PRO SP8AN ISS2 BN14887
10MHz DC PASS
- port 2 F800238-pro sp8an iss2 10mhz dc block
BN14887
- plot 3 F800238-pro sp8an iss2 10mhz dc block
BN14887
- plot 4 F800238-pro sp8an iss2 10mhz dc block
BN14887
- plot 5 F800238-pro sp8an iss2 10mhz dc block
BN14887

VSAT



Other Connector configurations available upon request.