

## Datasheet

# 1090 MHz N Way Active Splitter

The jetvision 1090 MHz N Way Active Splitter has been designed to split Mode-S/ADS-B signals from a single antenna or other source with negligible insertion loss to multiple receivers

Port one will allow DC to pass through from receiver through to the combined input port. The other port is DC blocked.

The unit can be powered via port one or alternatively external powering is available. PSU's are available if required.

With equal data this product is available with 2, 4 and 8 output ports.

This splitter is unidirectional. There is no reverse signal path from the N Ports towards the common port.

## Technical Data

### RF Parameters (typical)

Description	Value
Frequency range	850 MHz – 2150 MHz
Loss	0 dB ± 0.5 dB
Input and output impedance	50 Ω
Port to port isolation	20 dB
Return loss	15 dB
DC current (passing)	1 A (max.)
DC supply voltage	48 V (max.)
Built in amplifier current consumption	60 mA
Connectors	see below
Dimensions	116mmx66mmx26mm
Weight	250 g (2 port)
RoSH/WEEE Compliant	yes



## jetvision Antenna Accessories Program

### L-SPx/Ay-DCz

#### Product Numbers:

71102 2 Ports

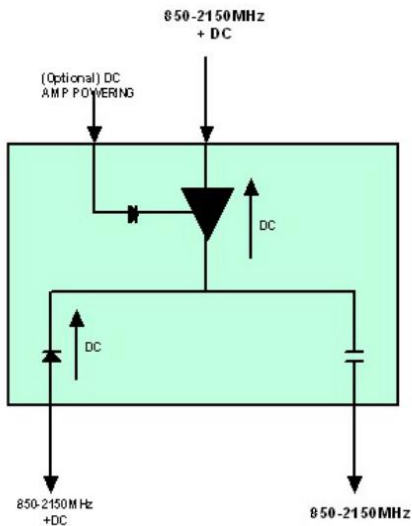
71104 4 Ports

71108 8 Ports

#### Usage:

Amplification of 1090 MHz received signals and delivering to a set of receivers.

## Block Diagram




## Available Connectors

Connector Type	50 $\Omega$	75 $\Omega$
N female	●	●
BNC female	●	●
F female	●	○
SMA female	●	○

## DC Options

DC Option	Available
DC Passing Port 1 Only	●
DC Passing All Ports	●
DC Blocking All Ports	●
External DC Supply	●

	Notes:		
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