



## UHF/IF 4 WAY Active COMBINER

### **U-CO4/A\*- DC#**

#### **Description**

The Global Professional UHF / IF BAND ACTIVE 4 way Combiner has been designed to Combine a UHF or IF signal with low insertion loss.

Dependant on configuration the unit can be powered either by Port 1 or external PSU available separately.

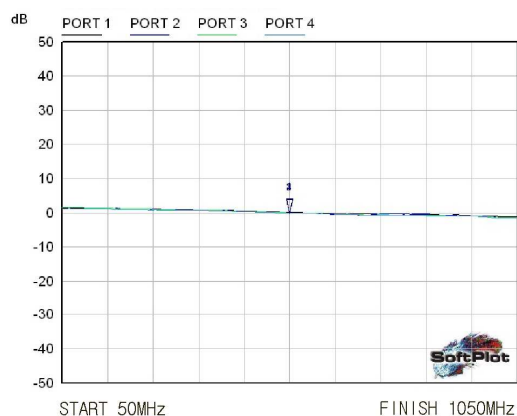
The picture illustrates a N type combiner with DC blocking on ALL ports however other configurations are available . Please see below.



UHF/IF Splitter

#### **Specifications**

Frequency Pass	50MHz - 950MHz
Through Loss	0dB $\pm$ 0.5dB
Port to Port Isolation	+20dB
Return Loss	+15dB
DC Passing Options	See table
Supply Voltage	12-48 V dc
MAX DC Current	1 AMP
Current Consumption	60mA
Connectors	See Below
Dimensions	116mm x 66mm x 26mm
Mounting Dimensions	105mm x 57mm
Weight	400grams
RoSH/WEEE Compliant	YES



Mkr	Trace	X-Axis	Value	Notes
1	PORT 1	550MHz	0.16 dB	
2	PORT 2	550MHz	0.05 dB	
3	PORT 3	550MHz	0.06 dB	
4	PORT 4	550MHz	-0.03 dB	

#### **\* Denotes Connector Type Available**

'N'	'N' Type 50 Ohm Female
'S'	'SMA' 50 Ohm Female
'F'	'F' 75 Ohm Female
'B'	'BNC' 50 Ohm Female
'Z'	'BNC' 75 Ohm Female
'T'	'TNC' 50 Ohm Female

#### **# Denotes DC Voltage Passing Options**

<b>DC1</b>	DC Passing port 1 Only
<b>DCB</b>	DC blocked All Ports
<b>DCA</b>	DC Passing All Ports

#### Example P/N Configuration

U-CO4AN-DC1

N type combiner DC passing Port 1 Only

U-CO4/AZ-DCB

BNC 75 Ohm combiner DC blocked all ports