

**UHF/IF 2 WAY Active COMBINER**

**U-CO2/A\*- DC‡**

**Description**

The Global Professional UHF / IF BAND ACTIVE 2 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.

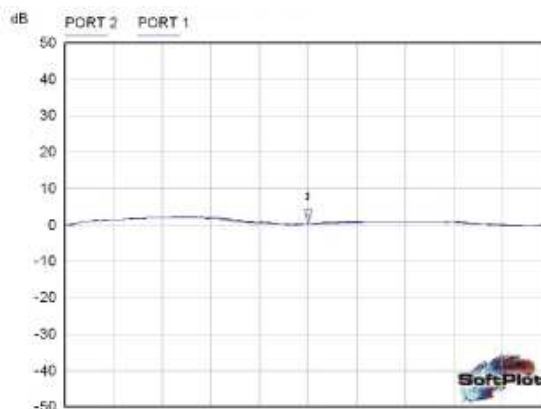
The picture illustrates a N type combiner with DC passing on port 1 and remaining port blocked however other configurations are available . Please see below.



UHF/IF Splitter

**Specifications**

Frequency Pass	50MHz - 950MHz
Through Loss	0dB ±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	250grams
RoSH/WEEE Compliant	YES



Mkr	Trace	X-Axis	Value	Notes
1	PORT 1	550MHz	0.33 dB	
2	PORT 2	550MHz	0.40 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-CO2/AN-DC1

N type splitter DC passing Port 1 Only

U-CO2/AZ-DCB

BNC 75 Ohm splitter DC blocked all ports