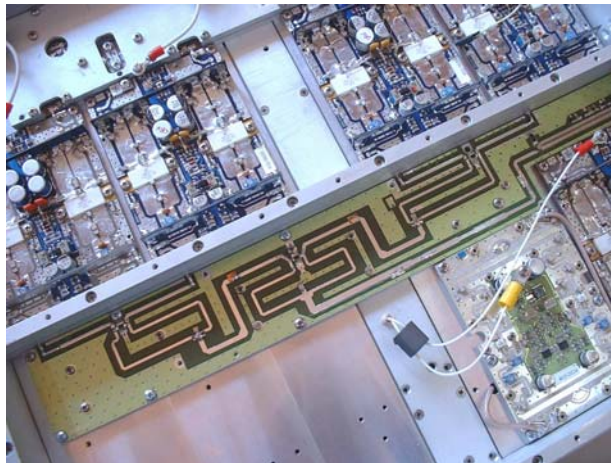


UHF 4 Way Splitter

This splitter is developed in Wilkinson structure, and uses Microstrip lines and transformer.

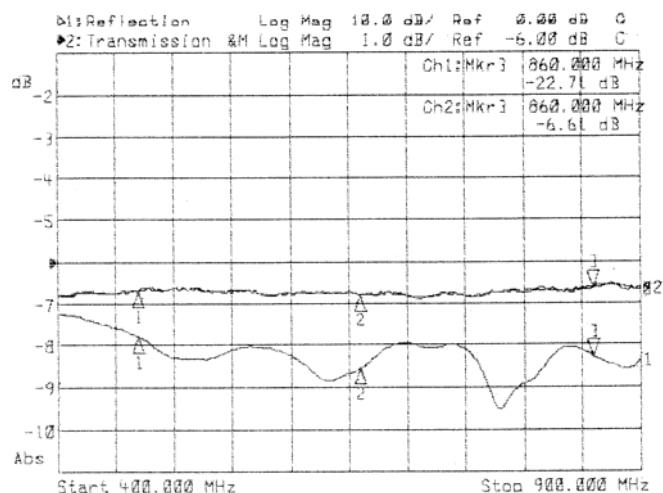
It is composed of four "quarter wave steps", in order to work on all UHF range.

- **Frequency Range:** 470 – 862 MHz
- **Structure:** 4way Wilkinson Splitter
- **Input/Output impedances** 50 Ω
- **Isolated Output Ports**
- **Material:** microwave substrate on aluminum baseplate



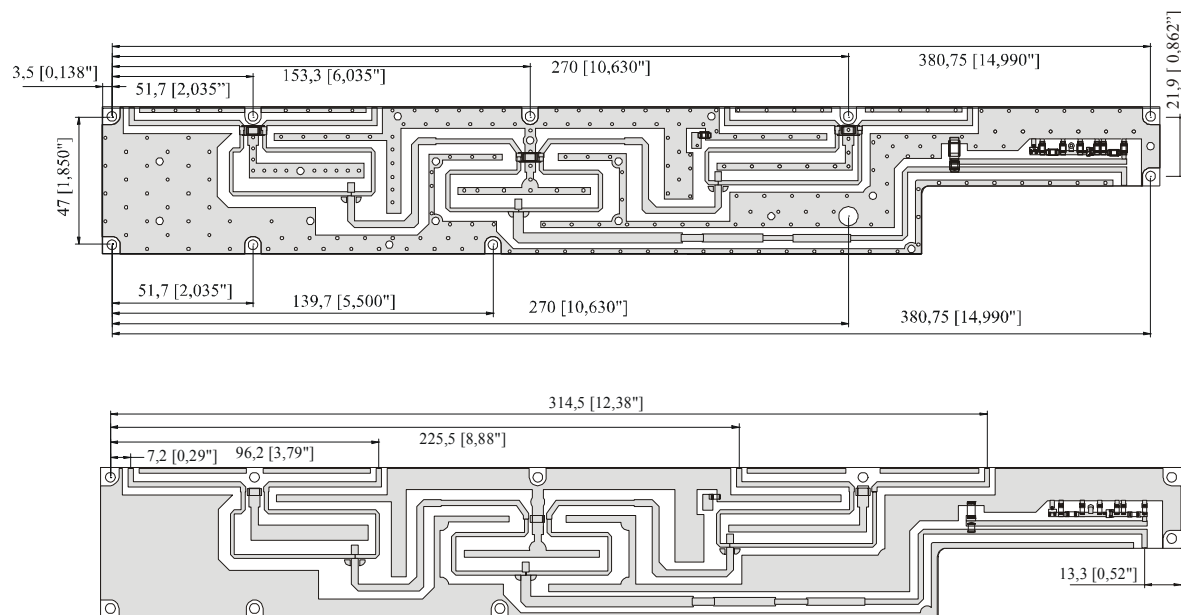
CHARACTERISTICS

Input Power	50 W p- Synk or CW
Return Loss @ input ports	-16 dB Min, -18dB typ.
Return Loss @ common port	-18 dB Min, -20dB typ.
Insert. Loss @ 860 MHz	-0.8 dB Max, 0.6 dB Typ
Isolation (between input ports)	-18 dB Min
Amplitude Unbalance	\pm 0.2 dB Max
Phase Unbalance	\pm 5° Max



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 470.00	-17.78	1: 470.00	-6.68
2: 660.00	-25.44	2: 660.00	-6.77
3: 860.00	-22.71	3: 860.00	-6.61

Contact Res-Ingenium, +39 0763 316333 Fax +39 0763316002- or visit www.res-ingenum.com for a complete listing.



Dimensions: mm [inch]

Contact Res-Ingenium, +39 0763 316333 Fax +39 0763316002- or visit www.res-ingenium.com for a complete listing.

Res-Ingenium

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