


ASA62


6 IN 2 OUT ANTENNA SWITCH

 L'ASA62 è stato concepito per assegnare il segnale proveniente da 6 diverse antenne a due ricevitori.

I led presenti sul pannello frontale permettono di mantenere sempre sotto controllo la configurazione.

Grazie ai divisori interni e agli amplificatori a larga banda e basso rumore, il segnale proveniente dall'antenna può essere condiviso dai ricevitori collegati alle due uscite.

Non adatto per l'uso con ricetrasmittitori.

 ASA62 Splitter Amplifier has been designed to split the signal received from six antennas to up to two different receivers at the same time.

The front panel leds indicators allow to keep immediately under control the configuration.

Thanks to the inside divider and the ultra wideband low noise amplifiers, the antenna signal can be shared with the receivers connected with the two outputs.

Not suitable to use with transceivers.



Specifiche tecniche

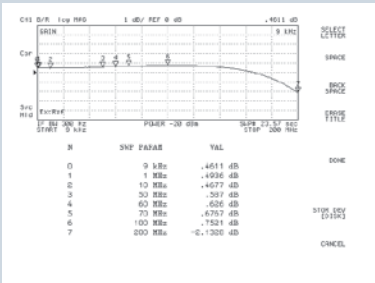
- Contenitore in alluminio estruso con protezioni in gomma
- Misure: 200 X 190 X h 65 millimetri
- Peso: 1.000 grammi
- Alimentazione: 11 ÷ 15 V D.C.
- 6 connettori BNC RF IN (antenna)
- 2 connettori BNC RF OUT (RX)
- 1 connettore DB9 (remote)
- Guadagno: 0 dB
- Range di frequenza: 9 KHz ÷ 70 MHz
- Amplificatori a larga banda e basso rumore (AD 8099)
- Impedenza di sistema: 50 Ohm

Technical specifications

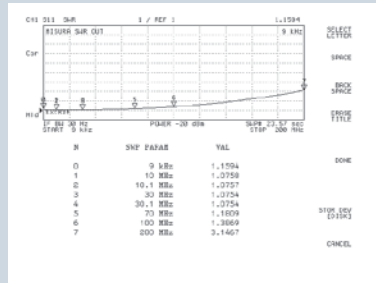
- RF box: aluminium extruded box with rubber protection
- Measures: 200 X 190 X h 65 millimetres
- Weight: 1.000 grams
- Power supply: 11 ÷ 15 V D.C.
- 6 BNC connectors RF IN (antennas)
- 2 BNC connectors RF OUT (RX)
- 1 DB9 connector (remote)
- Gain: 0 dB
- Frequency range: 9 KHz ÷ 70 MHz
- Ultra wide bandwidth ultra low noise amplifiers (AD 8099)
- System impedance: 50 Ohm



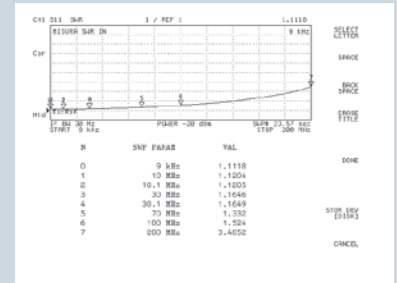
Typical performances:



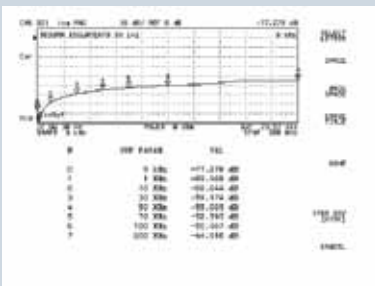
Gain 0 dB



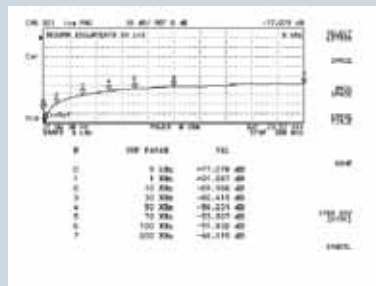
SWR Out



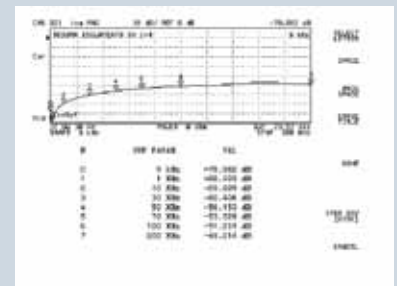
SWR In



Isolation In I-2



Isolation In I-3



Isolation In I-4

Electrical specifications and performances:

Compression Level Test (RF in +6 dBm)	
Frequency (MHz)	P _{-1dB} (dBm)
9 KHz to 10MHz	+15
10MHz to 30MHz	+14
30MHz to 70MHz	+11

Gain Flatness	
Frequency (MHz)	Typ. gain (0 dB)
9 KHz to 50MHz	+/- 0.5 dB
50MHz to 70MHz	+/- 1.5 dB

Input SWR	
Frequency (MHz)	SWR
9 KHz to 10MHz	< 1.10 : 1
10MHz to 30MHz	< 1.20 : 1
30MHz to 70MHz	< 1.50 : 1

Output SWR	
Frequency (MHz)	SWR
9 KHz to 10MHz	< 1.20 : 1
10MHz to 30MHz	< 1.50 : 1
30MHz to 70MHz	< 2.00 : 1

Isolation		
Frequency (MHz)	Adjacent channels dB	Non adjacent channels dB
9 KHz to 10MHz	> 70	> 75
10MHz to 30MHz	> 48	> 50
30MHz to 70MHz	> 40	> 45

Schematics:

