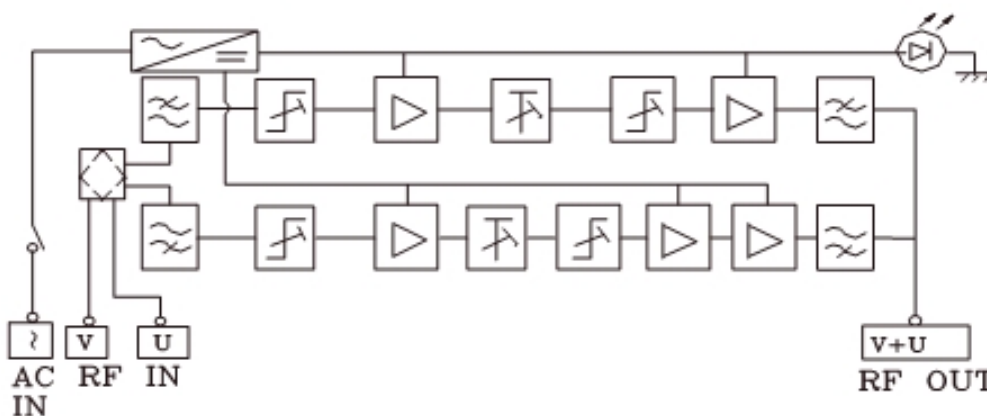




LOW NOISE OUTDOOR BOOSTER (SMT-SERIES)

Features:

- Improved reliability : Waterproof plastic box
 - Protection devices against over-voltage
- High performance: Using SMT components and special-made PCB .
 - Low noise matching design and optimizing design for circuit parameters .
 - Using micro-stripe technology to get better performance.
- Super low noise assure to receive high picture quality even in fringe area
- Easy to installation and maintenance
- Special weather-resistant plastic box appropriate for fitting to masts from 20mm to 50mm diameter through a plastic clamp and fixed-accessories supplied.
- 75 Ohm coaxial connections by means of screw -terminal and clamp, with fast -fit system .



ODB (SMT) BOOSTER BLOCK DIAGRAM



LOW NOISE OUTDOOR BOOSTER (SMT-SERIES)

TECHNICAL DATA

Model	SMT-40W75		SMT-40W300	SMT-40U/V -by pass	
Ref.					
Frequency Band	V & U				
Frequency range	VHF	MHz	46--240	46--240	46--240
	UHF	MHz	460--860	460--860	460--860
Gain	VHF	dB	30	30	10
	UHF	dB	40	40	40
Max output level(60dBIMA)		dBuv	112	112	112
Attenuator		dB	-15	-15	-15
Noise figure		dB	<2.0	<2.0	<2.5
Screening factor		dB		-	
Input / output impedance		Ohm	75	300	75
Inputs	Screw -terminal and clamp				
Outputs	Screw -terminal and clamp				
Mains supply	AC230/50Hz				
Power consumption(DC)		mA	130	130	100
Operating temperature		°C		-10--+ 55	
Outside dimension(wxdxh))		mm	140x 118x 46		
Packed weight		kg	0.3		