SABAL Series

Amplifiers specially designed for the distribution of the RF and 1st IF SAT signal.

APPLICATION

Designed to work under adverse weather conditions, where a robust amplifier is needed.

CHARACTERISTICS

■ Their circuit is integrated in a Zamak box, which ensures correct operation of the amplifier.

■ Allow return path operation and have slope control for the direct way.

■ The DWBA 415 model is a double extension amplifier, valid for a two-cable system with two independent satellite TV circuits and a common one for terrestrial TV, in addition to the return path.

■ The amplifier has been optimised by specific circuits which protect it against telecommunications services on adjacent frequency bands.

■ Integrates a switch mode power supply to reduce the inside temperature and help extend the life of the equipment.

<div style="text-align: right">AMPLIFICATION</div>

Supply voltage	230 Vac ± 15 %
Power consumption	15 VA
Operating temperature range	0 ÷ 50° C

MODEL		DA 353		DA 354		WBA 433			D WBA 415		
Reference		35920		35924		35930			35934		
Numbers of inputs		1		1		1			2		
Band coverage	MHz	5 ÷ 30**	47 ÷ 862	5 ÷ 30**	47 ÷ 862	5 ÷ 30**	47 ÷ 862	950 ÷ 2300	5 ÷ 30**	47 ÷ 862	950 ÷ 2300
Max. output level *	dBµV	117	116	117	121(IM2= 115 dBµV)	—	117	117	—	117	125
Input / output impedance	Ω	75									
Return losses	dB	15	10	15	10	15	10	6	15	10	6
Gain	dB	15	35	15	35	− 2	35	34 - 41	− 2	35	34 - 41
Level adjustment	dB	20	20	20	20	—	20	20	—	20	20
Equalisation - Variable - Switchable	dB	— —	20 —	— —	20 —	— —	0-18 —	— 7/14	— —	0-18 —	— 7/14
Test output level	dB	1 IN - 1 OUT		1 IN - 1 OUT		1 IN - 1 OUT			2 OUT		
TEST output attenuation	dB	30									
Noise figure (typ.)	dB	9	6	9	6	—	6,5	8,5	—	6,5	8,5
Input / output connectors		F (f)									
Protection rating		IP63									
Packing dimensions	mm	280 x 175 x 60									
Weight	Kg	3,1							3,2		

* 950 ÷ 2300 MHz: IM3 a − 35 dB
 5 ÷ 862 MHz: IM3 a − 60dB
** DA 353 A (Ref. 35922): 5 ÷ 66 return path
** DA 354 A (Ref. 35925): 5 ÷ 66 return path
** WBA 433 A (Ref. 35932): 5 ÷ 66 return path
** D WBA 415 A (Ref.35935): 5 ÷ 66 return path