

Distributes any combination of SKY™, SKY+™, FM, DAB, UHF and CCTV signals around the home

Built in mode switch optimises the unit according to requirements - either for systems with a satellite receiver, or those without

6 separate inputs for FM, DAB, UHF, CCTV, LNB1 and LNB2 and 4 outputs 12V 45mA line powering for masthead amplifiers

All outputs IR enabled - 9V 15mA with short circuit protection.

Excellent filtering with a flat UHF response

Built in filter removes interference from 4G mobile phone transmitters

Noise figure: 4dB

Minimal insertion loss

Connections: F type



- The input signals from UHF IN and CCTV IN will feed directly to the distribution outputs when switch set to "UHF&CCTV". If the switch is set to "SAT", the Sky box must be used to re-modulate UHF signal and feed to Uplink IN, then distribute to all output ports.
- LNB 2 IN is filtered and fed to the DOWNLINK OUT directly.

Specifications:

Item		Specification	Q.C. Limit		Remark
Frequency Range		IR	3 ~ 10 MHz		
		FM	88 ~ 108 MHz		
		DAB	217 ~ 230 MHz		
		UHF/CCTV/Uplink	470 ~ 790 MHz		
		LNB 2	950 ~ 2300 MHz		
		LNB 1	5~ 2300 MHz		
Impedance		75 ohm			
Inputs (7)		LNB1/LNB2/UHF/CCTV/Uplink/FM/DAB		F-Type Female Connector (IEC 60169-24)	
Outputs (10)		8xOUTs/LNB1/Downlink			
Insertion Gain	From	To	Inband Gain	Outband Rejection	
	LNB 1 IN	LNB 1 OUT	-2 dB	-	
	LNB 2 IN	Downlink OUT	-3 dB	35dB@40~790MHz	
	FM IN		-4 dB	-	
	DAB IN		-6 dB	-	
	UHF IN		-2 ~ +6 dB	25dB@40~385MHz	
	CCTV IN	-2 ~ +6 dB	20dB@950~2300MHz		
	FM IN	OUT 1 ~ 8	-5 dB	-	
	DAB IN		-6 dB	-	
	Uplink IN		0 ~ +6 dB	22dB@40~385MHz	
	UHF IN		-2 ~ +6 dB		
	CCTV IN		-2 ~ +6 dB		
	OUT	Uplink IN	-2 dB	@IR	
LTE Outband Rejection on UHF/CCTV IN		25 dB		@ 820MHz to 790MHz	
Isolation	OUT/OUT	22 dB			
DC Power Support	UHF IN	40mA Max. @ 12VDC		Short-Circuit Protection	
	IR on OUTs	15mA Max. @ 9VDC			
Power Consumption		250mA Max. @ 12VDC		All IRs included	
Internal Linear Power Supply		250VAC, 50Hz / 400mA Max.@12VDC			