

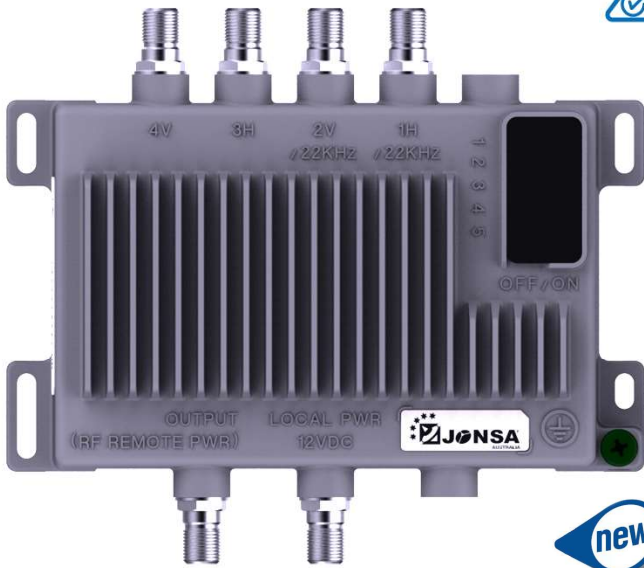


SATELLITE MULTISTACKER

STACKER 4 SAT IF INPUTS WITH 1 RF MULTISTACKED OUTPUT

DS/MS

FOXTEL: F30975



This satellite multistacker (SMS) is a stand alone device that can be installed directly after a TWIN or QUAD universal dual polarisation LNBF. The multistacker is typically installed before the first distribution point in an SMATV system.

DIP SWITCH SETTINGS

The dip switches on the Multistacker are switched to match the state of Australia where it shall be installed. The table also shows the dip switch settings and the STB state settings.

Switch Number	1	2	3	4	5	STB Setting
National	OFF	OFF	OFF	OFF	OFF	National 01
NSW	ON	OFF	OFF	OFF	OFF	NSW 02
VIC	OFF	ON	OFF	OFF	OFF	VIC 03
QLD	ON	ON	OFF	OFF	OFF	QLD 04
SA	OFF	OFF	ON	OFF	OFF	SA 05
WA	ON	OFF	ON	OFF	OFF	WA 06
TAS	OFF	ON	ON	OFF	OFF	TAS 07
NT	ON	ON	ON	OFF	OFF	NT 08

Dip switch image of the Multistacker. Set as dip switch 1 ON for NSW as an example.



INSTALLATION & APPLICATIONS

DOMESTIC | COMMERCIAL BUILDINGS | APARTMENT BLOCKS | ESTATES | OFFICES | HOTELS | SHOPPING CENTRES | TRANSPORTATION

FEATURES

- Small wall mountable design, simple installation
- High quality housing with heat sink
- Quad SAT IF inputs: 1 H + 22 KHz, 2 V + 22 KHz, 3 H and 4 V
- Dedicated F female connector input for 12 VDC local powering
- RF output can be used to remote power the Multistacker
- Grounding screw for CET [Earthing]
- Five way switch [For state channel allocation by FOXTEL]

Specifications		DS/MS
Input Frequency Band	1 H / 22 KHz	950 MHz ... 2150 MHz
	2 V / 22 KHz	
	3 H	
	4 V	
Output Frequency Band	Output Port	250 MHz ... 2350 MHz
Input Return Loss	75 Ω System, over 950 MHz ... 2150 MHz	> 10 dB
Output Return Loss	75 Ω System, over 250 MHz ... 2350 MHz	> 10 dB
Input Power Level	Per Carrier (UB) with an AGC Range of 20 dB	- 45 ... - 24 dBm [63.75 ... 84.75 dBμV]
Output Power Level	Per Carrier (UB)	- 29 ... - 24 dBm [79.75 ... 84.75 dBμV]
Aggregate Output Power Level	Up to 32 (UB's)	< - 5 dBm
Tuner Frequency Range	Internal DVB-S/S2 Tuner	950 MHz ... 2150 MHz
Tuner Carrier Acquisition Range	Internal DVB-S/S2 Tuner	± 5 MHz
Operating Voltage		12 ± 0.5 VDC
Power Consumption	All UB ON, 12 VDC Supply without LNB	< 9.5 W
Operating Temperature	- 20 °C ... + 60 °C [Indoor]	- 30 °C ... + 70 °C
	- 30 °C ... + 70 °C [Outdoor]	
Dimensions [mm]		160 x 140 x 30

Specifications are subject to change without notice