

GSS32 DVB-S/S2 to DVB-S/S2 Satellite Converter

GSS32 is a satellite TV converter with 4 independent satellite inputs and one up to 32UB satellite RF output. With built-in static dCSS programmable digital channel filter, GSS32 converts satellite transponders to one 32UB satellite RF output. GSS32 is ideal for mini-headend in hotel or community coaxial TV distribution system.



Features

- Compact housing with LCD display
- 4 Independent Satellite Inputs with reverse DC to each LNB
- Digital Filtering maximum 24 transponders from one sat input to the output
- Maximum 32 transponders filtered from all 4 sat inputs
- Local LCD Management and WEB management

Specifications

Input Parameter	
Satellite Input	4 (wideband/Quad/Quattro)
Satellite Bandwidth	300MHz ~ 2350MHz or 950MHz~2150MHz
RF Level per transponder	60dB μ V ~ 85dB μ V
Symbol Rate	2~45M (DVB-S QPSK) 1~45M(DVB-S2 QPSK) 2~30M (DVB-S2 8PSK)
Return Loss	10dB
Selectable DC at each RF input	13V/18V, 0Hz/22KHz
Input RF connector	75 Ohm Female
ESD Protection	All RF Ports
Output Parameter	
RF Output	One main F port and one -20dB RF test port
RF Bandwidth	950MHz ~ 2150MHz
Number of transponder	Maximum 24 for one sat input RF Maximum 32 for all four sat input RFs



Bandwidth per transponder	Typical 36MHz (20~50MHz adjustable, step 1MHz)
RF Level per transponder	86dB μ V ~ 96dB μ V (0-10dB adjustable)
Slope	0~10dB adjustable
Output RF connector	75 Ohm Female
Return Loss	10dB
MER Degradation	<1dB
Physical Parameter	
Operating temperature, humidity	-10 $^{\circ}$ C~45 $^{\circ}$ C, 5%~95%
Store temperature, humidity	-40 $^{\circ}$ C~70 $^{\circ}$ C, 5%~95%
Dimension	230mm \times 140mm \times 38mm
Weight	800g (not including power adapter)
Power Consumption	9.5W (not including LNB power consumption)
Power Supply	19V 3A DC power adapter, CE approved