Model 326 & 327, L-Band Distribution Matrices

The 326 and 327 families of solid-state L-Band Switch Matrices are intended for distribution of down converted Sat Com signals to receivers and modems. Both models use a Non Blocking architecture, any input can be routed to any one output. The model 326 is for 50 ohm installations and the model 327 is for 75 ohm sites. Both models are modular, allowing the matrix size to be custom configured (or serviced) in the field. Inputs can be configured from 4 to 32 inputs, in steps of four. Outputs can be configured from 4 to 32 outputs, in steps of four.

The unit's front panel display permits local users to view and change routings, as well as checking the health and status of the chassis. A local lockout command inhibits front panel access. All functions and status are also accessible through the remote interfaces. A simple ACSII literal based command set allows quick and easy remote control of the unit. The model 326 and 327 also features redundant "hot swappable" power supplies.

Electrical	
Frequency Range	900 – 2150 MHz
Insertion Loss	0 +/- 3.0 dB
Ripple, any 50 MHz segment	+/-0.5 dB
Path Off Isolation	50 dB
Maximum Operating Level	+5 dBm
Maximum Level, No Damage	+17 dBm
Inter-modulation Distortion, OIP^3	+20 dBm
Noise Figure	8 dB
Impedance	50 ohms, model 326 75 ohms, model 327
Return Loss / VSWR	-14 dB / 1.5:1
Primary Power	115/230VAC, 50/60Hz, 250 watts
Remote Interfaces	RS-232/RS-574 (DTE) RS-422/RS-485 10/100BaseT (RJ45)
Mechanical	
Chassis Size	9U (15.75")H x 19"W x 20"D
RF Connectors	BNC Female
Environmental	
Operating Temperature	0 to +50 C

Configuration/Ordering Information

326-XX-YY or **327-XX-YY**

where **XX** is the number of inputs 04 through 32
and **YY** is the number of outputs 04 through 32.

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