Example System Datasheet
4x96 MIMO/Blocking

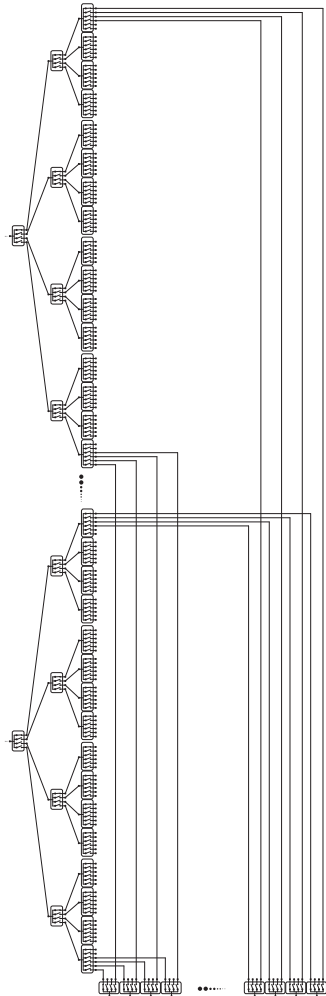**TELEDYNE** COAX SWITCHES
Everywhere**you**look™

Description

This matrix system consists of a 4x96 switching system in a 24U standard 19" chassis. This switching system was designed for an operating frequency range of DC-6GHz. The 4x96 matrix is controlled via TCP/IP (Ethernet) and features 7-segment displays which let the user know which input and output combination is currently active. There is also a local control keypad that allows users to manually command the switching system.
This matrix consists of (116) SP4T switches and (64) SP6T switches.

- Local control Via Keypad
- TCP/IP (Ethernet) Remote Control
- SMA Connectors
- 90-260 Vac, 47-63Hz Power

Switch Function		
Normally Open		
Switching Type		
Electromechanical		
Temperature		
Storage: −40°C to +65°C Operating: −55°C to +85°C		

RF Characteristics		
Frequency Range	**0.7-2.5GHz**	**2.6-6GHz**
Insertion Loss (dB)	2.5	4.0
VSWR	1.5:1	1.75:1
Isolation (dB)	75	70
Mechanical Information		
Power Handling	1W Continuous	
Line Power	Universal 90-260 VAC, 47-63Hz	
Size (WxHxD)	19", 24U, 20" Depth	
Typical Cycle Life	1M cycles per RF port	

MATRIX SCHEMATIC

FRONT VIEW

3D MODEL VIEW