

DEV 1911

CATV N+M Redundancy Switch



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General Description:

Used for CATV N + M RF Redundancy Switching. The CATV N + M redundancy switch provides up to 32 on/off switchable inputs which are combined to one output. This switch will allow a modulator to be replaced with a device at the same frequency in the event of a loss of control failure.

Features & Benefits:

- Flexible for various applications
- 8, 16, 24, or 32 channels
- Two monitoring ports
- Power supply and power line redundancy
- TRAC (Trap Receiver Action Controller)
- DEV Web Interface
- SNMP Support

Specifications:*	DEV 1911	
Operating Frequency:	47-1006 MHz	
Number of Inputs (x):	8, 16, 24, or 32	
Number of Outputs:	1	
Impedance, Connectors:	BNC 75 Ω	
Input Return Loss:	47-862 MHz	862-1006 MHz
	>14 dB	>11 dB
Output Return Loss:		
DEV 1911/8:	>14 dB	>13 dB
DEV 1911/16:	>14 dB	>13 dB
DEV 1911/24:	>13 dB	>12 dB
DEV 1911/32:	>12 dB	>11 dB
Insertion Loss:	20±3 dB	20±3.5 dB
Isolation:	>50 dB (on/off)	
Relay Type:	Latching	
Switching Cycles:	>10E6	
Monitoring Port:		
Number of Monitoring Ports:	2	
Impedance, Connectors:	BNC 75 Ω	
Return Loss:	>18 dB	
Insertion Loss:	= Output Level – 20±3 dB	
Remote Communication:		
Interface (Connector):	Ethernet (RJ-45) Serial Interface RS 232 (Sub-D-9 (f))	
Remote Control & Surveillance:	Via Web Interface (Ethernet)	
(Interface):	Via SNMP (Ethernet) Via Sandar Prosan Protocol (serial interface); OR Via Leitch Protocol (Ethernet/telnet & serial interface).	
Redundant Power Supply:		
Supply Voltage:	100 to 240 V AC Supplied by Two Different Circuits	
Power Consumption:	<100 VA (with 2 power supply modules installed)	
Mechanical:	3 RU: 5" H x 19" W x 19" D	
Weight:	20 lbs	
Environmental Conditions:	ETS 300019 Part 1-3 Class 3.1	

*Specifications may vary with connector type. See individual specification sheet for specific performance data.