

# DEV 1992

## ASI N+1 Redundancy Switch

### General Description:

The **DEV 1992** is a modulator N+1 redundancy switch. The unit will be triggered based on an alarm sent by one of the main modulators via SNMP and switch automatically to the redundant path in the event of a failure.

### Features & Benefits:

- Standalone and vendor independent
- No M&C system necessary through TRAC
- 4+1, 6+1, or 8+1 A/B switches
- Inputs ASI, BNC (f) transfer switches
- Power supply redundancy
- DEV web interface
- SNMP support



DEV 1992

Specifications:*		DEV 1992	
<b>Capacity:</b>			
Main Channels per Chassis:	Max. 8		
<b>RF Specifications:</b>			
Operating Frequency:			
Input:	ASI		
Output:	950...2150 MHz		
<b>RF Connectors:</b>			
Input:	BNC 75 $\Omega$		
Output:	F-Type, SMA 50 $\Omega$		
Input Return Loss:	>20 dB		
	<b>Main Paths:</b>	<b>Redundancy Path:</b>	
Input Insertion Loss:	<1.5 dB	Constant Output Level >600 mVpp	
Output Return Loss:	>14 dB	>11 dB	
<b>Output Insertion Loss:</b>			
50 $\Omega$ :	<2.0 dB	<3.5 dB	
75 $\Omega$ :	<2.0 dB	<6.0 dB	
Isolation between Input Ports:	>55 dB		
Group Delay Distortion:	<7 ns		
Relay Type:	Latching		
Switching Power:	<30 dBm (modulator output power)		
Switching Cycles:	>10E6		
<b>Remote Communication:</b>			
Interface (Connector):	Ethernet (RJ-45)		
Remote Control & Surveillance:	Via Web Interface (Ethernet)		
(Interface):	Via SNMP (Ethernet)		
<b>Redundant Power Supply:</b>			
Supply Voltage:	100 to 240 V AC Supplied by Two Different Circuits		
Power Consumption:	<100 VA		
Mechanical:	3 RU: 5" H x 19" W x 19.5" D		
Weight:	18 lbs (configuration dependent)		
Environmental Conditions:	ETS 300019 Part 1-3 Class 3.1		

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