TECHNICAL DATA C E T Division



WATKINS-JOHNSON

237.11

WJ-9040 SSU226, SSU226-1 SIGNAL SELECT UNIT



FEATURES

· Compact, Eighth-Rack Size

Remote Controllable

• Wide Frequency Coverage

DESCRIPTION

The SSU226 Signal Select Unit is a digitally controlled 2 × 6 (or 6 × 2) Switch Matrix with eight SMA coaxial connectors mounted in an eighth-rack WJ-9040 compatible plug-in unit. The digital control electrically switches six SPDT switches (or resistive power splitters for the SSU226-1) plus two SP6T switches.

The unit is designed to allow convenient switching of analog signals in both inter-rack and intra-rack WJ-9040 environments. Local control is via front panel pushbuttons with remote control available through the WJ-9040 IOM108 I/O module which is installed in an EFR100 Equipment Frame.

In local operation, two pushbutton switches are used to select one of six input channels to each output channel. An LED above each switch indicates the input selected (1 through 6). The unit's software prohibits selection of the same input channel to both output channels (allowed in '-1" version). Remote operation through the IOM108 is activated by the RMT pushbutton on the front panel. In this mode, the front panel channel select pushbuttons are disabled.

For Further Information Please Contact: WATKINS-JOHNSON COMPANY

Communication Electronics Technology Division
700 Quince Orchard Road, Gaithersburg, Maryland 20878-1794
(301) 948-7550 Ext. 528 TWX: 710-828-0546 FAX: (301) 921-9479
Printed in U.S.A.

JANUARY 1989

Supersedes Technical Data Sheet 237.11 dated March 1988

SPECIFICATIONS

http://watkipson.ph. son.ph. s

SPECIFICATIONS	
SSU226	
Frequency	DC to 1.4 GHz
VSWR	2:0:1
Insertion Loss	€2 dB
Isolation	70 dB mininum
Power Handling	1 watt
Switching Speed	
Power Consumption	5 watts approximately
Operating Temperature	0 to 50 °C
Size	5.2 inches (132.08 mm) high, 2.0 inches (50.80 mm)
	wide, and 14.4 inches (365.76 mm) deep
Weight	6 pounds (2.75 kg) approximately
SSU226-1	
Frequency	1 MHz to 200 MHz 2:1 8 dB 70 dB minimum 0.125 watt 20 ms
VSWR	2:1
Insertion Loss	8 dB
Isolation	70 dB minimum
Power Handling	0.125 watt
Switching Speed	20 ms
Power Consumption	5 watts approximately
Operating Temperature	0 to 50 ℃
Size	5.2 inches (132.08 mm) high, 2.0 inches (50.80 mm)
	wide, and 14.4 inches (365.76 mm) deep
Weight	6 pounds (2.75 kg) approximately

http://watkinsol.id/mon