

S41/RF6X6 Matrix

RF PARAMETERS:

Frequency:	DC-8GHz	8-18GHz
Insertion Loss:	2.5 dB max	4.0 dB max
VSWR:	1.5:1	2.0:1
Isolation:	70 dB min	60 dB min

SWITCH CONFIGURATION: Non-blocking coaxial matrix with six inputs and six outputs.

IMPEDANCE: 50Ω.

ACTUATION TIME: 15ms.

RF CONTACTS: Break-before-make, normally open

OPERATING LIFE: 1,000,000 operations, cold switched.

SUPPLIED ACCESSORIES

LIGHT PEN Provides interactive programming of channels, cross points, scan lists, and memory.

OPTIONAL ACCESSORIES

8503 DIN to BNC Trigger Cable: Provides BNC connector interface to hardware trigger lines.

S41-RMK-1 Fixed Rack Mount Kit: Enables rack mounting without chassis support for one System 41 Mainframe.

ORDERING INFORMATION

S41/RF6X6 Non-blocking 6x6 RF coaxial matrix switch system

S41/RF6X6-T Test data on the RF module – must be purchased at the same time the switch system is purchased

GENERAL

DISPLAY: Dual line vacuum fluorescent.

1st Line: 20-character alphanumeric.

2nd Line: 32-character alphanumeric.

Channel status LED grid.

IEEE-488 BUS IMPLEMENTATION: Conforms to SCPI-1990, IEEE-488.2 and IEEE-488.1.

REAR PANEL CONNECTORS:

SMA

IEEE-488

8-pin micro DIN for Trigger Link

8-pin micro DIN for Trigger Link expansion

POWER: 100-240V AC universal input, 50-60Hz, 270VA maximum

STANDARDS:

Safety: Conforms with European Union Directive 73/23/EEC

EMC: Conforms with European Union Directive 89/336/EEC.

ENVIRONMENT:

Operating: 0°C to 50°C, <80% relative humidity (0°C to 35°C).

Storage: -25°C to +65°C.

DIMENSIONS, WEIGHT: 178mm high × 482mm wide × 515mm deep (7 in × 19 in × 20 in). Net weight 11kg (24 lbs).

RACK MOUNTING: Standard 19" rack shelf or chassis support angles.

Specifications subject to change without notice.