

# 0.5 TO 5 GHz 12 x 4 SWITCH MATRIX

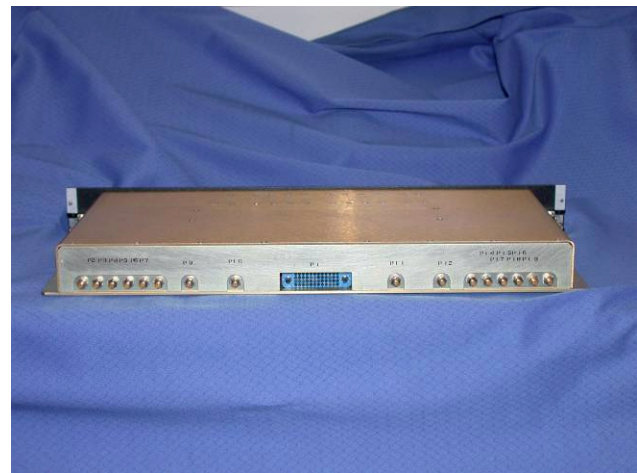
## TECHNICAL FEATURE

### Features

- Integrated Control
- Modular Construction
- Wideband Performance

### Performance

Operating frequency.....	0.5 to 5 GHz
Insertion Loss .....	<15dB input to output path
Insertion Loss Balance.....	1db @ any frequency between any two paths
Isolation.....	45dB min.
VSWR.....	1.5:1
Switching Speed.....	<500 ms
1dB compression Point .....	+10 dBm min
Unit Control.....	TTL single-ended 4-Bits Each Output Switch (encoded)
Power Dissipation.....	15 W Max.
RF Connectors .....	OSSP Blind Mate
Weight.....	5 lbs Max.
Operating Temperature Range .....	0 to +50 C



## Description

This modular RF Switch Matrix can route any of its 12 Inputs to the 4 Outputs. The unit offers “full fan-out” capability making all through paths available simultaneously. The package is intended to blind mate into a card cage of a standard 19” rack-mount chassis. Applications include signal intercept receiver and antenna multiplexing.

**STC Microwave Systems – Olektron** [www.craneae.com](http://www.craneae.com)

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