# 0.5 – 5 GHz 12x4 Switch MATRIX

## **TECHNICAL FEATURE**

#### **FEATURES**

- Integrated Control
- Modular Construction
- Wideband Performance





### PERFORMANCE

Operating Frequency	0.5 to 5 GHz
Insertion Loss<150	dB input to output path
Insertion Loss Balance	1db @
any frequency between any two paths	
Isolation	45 dB 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.

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