

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	<15dB 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.