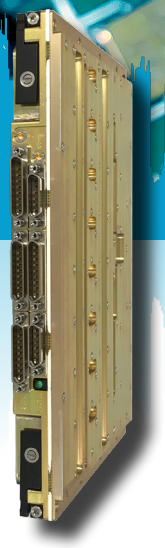
FEATURES

- 6 GHz Wideband RF Switch Matrix
- Single-slot 6U VPX Form Factor
- 24 RF Inputs and 16 RF Outputs
- 1.5 to 6 GHz frequency coverage
- High Port-to-Port RF Isolation
- Extremely fast switching speed
- VITA 46.0 Compliant
- Internal Microprocessor
- Low Power Consumption

APPLICATIONS

- Monitoring and Collection Systems
- Direction Finding Systems
- Development Platforms
- Test and Training Systems



NDR131

VPX Antenna Switch Matrix

DESCRIPTION

The NDR131 is a 6 GHz antenna switch matrix in a 6U VPX form factor. The switch matrix selects one of three 8-Channel RF busses to split and route simultaneously to two 8-Channel outputs. There are a total of 24 RF inputs including 8 HF inputs covering 1.5 to 20 MHz, 8 VHF inputs covering 30 MHz to 600 MHz and 8 UHF inputs covering 500 MHz to 6000 MHz. Each of the 16 RF outputs cover the 1.5 MHz to 6000 MHz frequency range. The NDR131 has very high port-to-port RF isolation as well as extremely fast switching speed.

The NDR131 has very high port-to-port RF isolation as well as extremely fast switching speed. The NDR131 includes the P0 and P3 backplane connectors defined in VITA 46.0 VPX standard with P0 providing DC power input and P3 providing the control interface to the unit's internal microprocessor.

CyberRadio SOLUTIONS