

Product Description

The 720x series of products provides a configurable Microwave Switching platform for PXI. The module is configured as a 1 or 2 slot module depending on the particular switches selected. This module provides a High Bandwidth general purpose switch, ideal for switching Microwave frequency or high Bandwidth Digital Signals. The 720x has been designed with several exceptional features that make it stand out from competitive products.

■ **3U Form Factor** – The 3U PXI format is the most popular PXI size, and is compatible with all brands of PXI approved products.

■ **Switch Configurations** – Microwave Switches in the following configurations are available 1x2, 1x4, 1x6 and DPDT Transfer Switches, one or two switches per module.

■ **Frequency Ranges** - DC-6 GHz, 26.5 GHz and 40 GHz are all available.

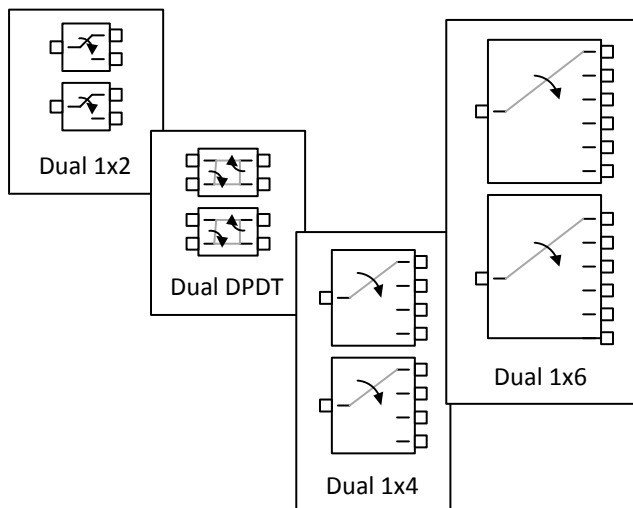
Capabilities

- SPDT, SP4T, SP6T, DPDT
- Bandwidth = 0-6, 26.5, 40 GHz
- Power = 15 Watts
- Path Impedance 50Ω

Recommended Uses

- **High Bandwidth Applications** – This module is ideal for any high Bandwidth application where RF insertion loss must be minimized or extremely fast rising/falling edges must be preserved.
- **RF Switching** – Low Crosstalk and high Bandwidth makes this module ideal for Higher Frequency applications such as Test Instrumentation.





Custom Configurations can be accommodated

Specifications

Electrical

- (1x2), (1x4), (1x6), DPDT
- Power Max = 15W
- Path Impedance 50Ω
- Bandwidth = 0-6, 26.5, 40 GHz

Environmental Temperature

- Operating 0° to 50°C
- Storage -40° to 75°C

Humidity (non-condensing)

- Operating 10 to 90%
- Storage 0 to 95%

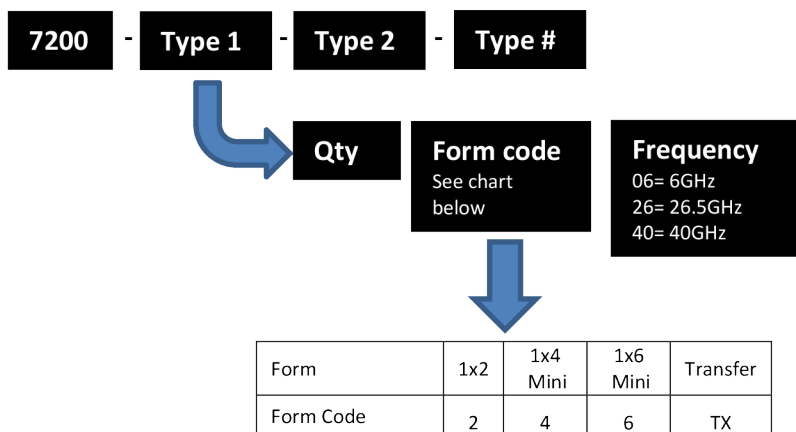
Mechanical

- 3U PXI
- Connector SMA-F

- All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.
- All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.
- All Modules carry a full 3 year Warranty

Ordering Information

Configuration Guide



Examples

7200-2426 = 2(1x4) 26.5GHz switches

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