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Find the *Ametek / VTI Instruments / VXI Technology SM7274N* at our website: *Click HERE*

DC-26.5 GHz Non-terminated Microwave Switching



Features

Configuring your microwave switch system has never been easier:

Step 1: Start with the SM7000D base unit. It holds up to six microwave building blocks in one C-size slot.

Step 2: Select up to six microwave building blocks

Step 3: Contact VXI Technology for price and delivery

- dc to 26.5 GHz
- The First Modular VXI Microwave Switch on the Market
- Up to 6 (1x6) in Only One C-size Slot
- Building Blocks Range from Dual SPDT Relays to SP6T Relays, Transfer Switches and Relay Drivers
- Microwave Building Blocks are "Pluggable" from the Front of the VXIbus Card
- Building Blocks Priced to Satisfy Lower Frequency Cellular Switching Markets

Overview

The SM7000D series is part of the SMIP//™ family, offering the extensive control and interfacing features provided by SMIP//™. Microwave relay technology has been pioneered to offer density, modularity and cost benefits not available from other VXI suppliers.

Using the SMIP//™ family for microwave switching, the user obtains the following benefits over other VXI microwave switch solutions:

Density: Up to 6 (1x6) microwave relays can be housed in a single VXIbus slot (SM7000D carrier).

Modularity: Each SM7000D series switch module can house up to 6 building blocks, which can be mixed and matched for the final configuration.

Cost: The SM7000D series has been priced to help reduce the cost of microwave switching by at least 20% from existing solutions.

The following building blocks have been selected to allow the majority of microwave switch applications to be accommodated within (1) VXIbus card slot. Each building block is also "pluggable" from the front allowing for easy configuration and repair.

Specifications

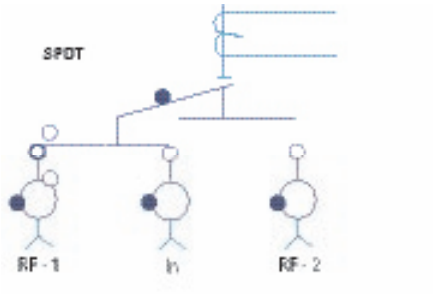
Average Power per Channel:	40 W @ 26.5 GHz
Switching Time:	<15 ms
RF Impedance:	50 Ω
Connectors:	SMA

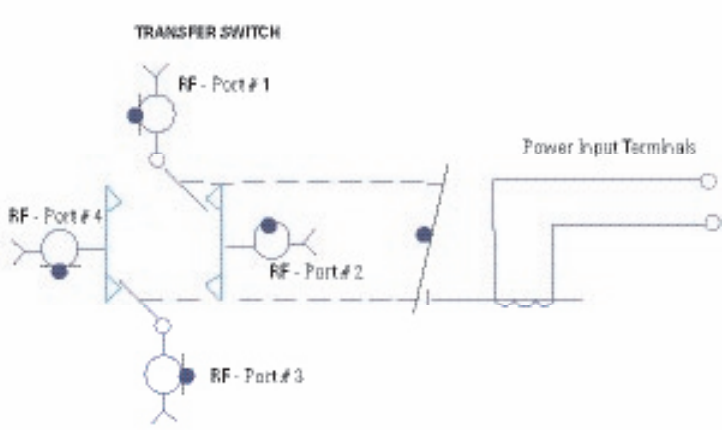
Frequency (GHz)	dc-3	3-8	8-12.4	12.4-18	18-26.5
Isolation (dB min)	80	70	60	60	45
Insertion Loss (dB max)	0.2	0.3	0.4	0.5	0.7
VSWR min	1.2:1	1.3:1	1.4:1	1.5:1	1.7:1

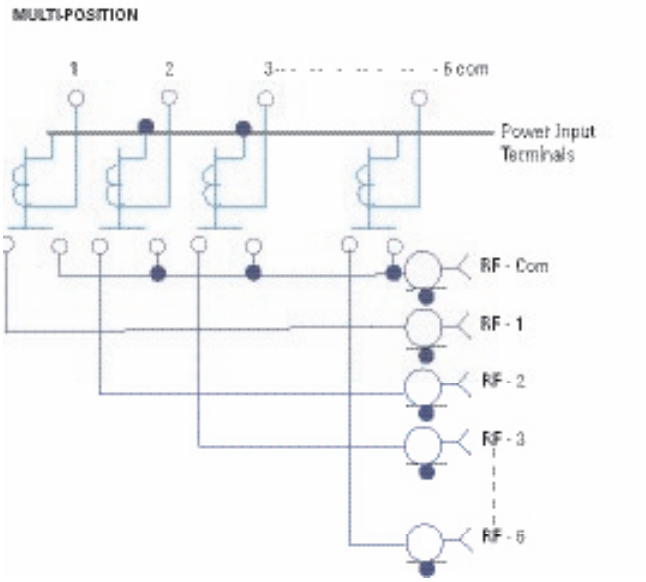
Switching

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DC-26.5 GHz Non-terminated Microwave Switching







Ordering Information

SM7000D	Single-slot Base Unit
7102	2 (SPDT) 26.5 GHz relays
7104	SP4T 26.5 GHz relay
7106	SP6T 26.5 GHz relay
7122	26.5 GHz transfer switch
7100	8 Relay driver lines (front panel access)

SM7000D

Switching

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We buy equipment

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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