

High-Power High-Vacuum Wave-guide Switch



- Nihon Koshuha developed the Vacuum Waveguide Switch among the world first, and only one company supplied it.
- Enable to switch vacuum wave-guide circuits under the vacuum condition.
- Extremely Low vacuum leakage and high reliability.
- Isolation between ports is under -70dB.

Specifications

Frequency	2856MHz
Permissible Power	Peak Power 80MW max.
	Pulse width 4 μ sec.
	Repetition 60pps
VSWR	1.05 max.
Insertion Loss	0.05dB max. /sec
Flange	SLAC Rectangle Flange
Vacuum Leakage	1.3×10^{-10} Pa \cdot m ³ /sec max.
Switching Method	Motorized (reversible motor)
Cooling	Air or Water
Switching Time	5 – 7 sec.

Usage Example

