

RTMA Registration Data

TYPE 6033

ATR TUBE

The Type 6033 is an ATR gas switching tube with a center frequency of 9,300 megacycles. The contact surface (bottom face of end plate) of this type is precisely made to permit a minimum of leakage from the joint connecting tube to associated equipment.

ELECTRICAL DATA

Center Frequency	9,300	megacycles
Loaded Q, maximum	6.5	
Transmitter Peak Power, minimum	5	kilowatts
Normalized Conductance, maximum	0.1	
Normalized Susceptance, maximum	± 0.06	
Arc Power Loss(1), maximum	0.8	decibel
High Level Standing Wave Ratio, maximum	1.10	

MECHANICAL DATA

Mounting Position any
Ambient Temperature Range -40 to +100 degrees centigrade

(1) At a peak power of 4 kilowatts, frequency of 9,025 megacycles, pulse repetition rate of 1,000 pulses per second, and a pulse width of 0.5 microseconds.

