

Release No. 992
July 6, 1951

WESTINGHOUSE ELECTRIC CORPORATION
Bloomfield, New Jersey

Type 6040
Reference Cavity

The 6040 is a fixed frequency, transmission type, vacuum sealed, reference cavity for use at 9308 megacycles as a frequency determining reference.

Electrical Data - General

Resonant Frequency	9308	Mc
Loaded Q	2100	
Insertion Loss at Resonant Frequency	5	db

Mechanical Data - General

Can be Pressurized		
Ambient Temperature Range	-40 to +100	°C
Net Weight (approximately)	3/4	lb
Mounting Position	Any	
Outline Drawing Number	60136	

Maximum Ratings

Incident Peak Power	5	Kw
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Electrical and Mechanical Data with Limits

Change in Resonant Frequency with Vibration 10 g.	± .1	Mc max.
Change in Resonant Frequency with Pressure from atmospheric to 125 mm of mercury or to 3 atmospheres.	± .15	Mc max.
Change in Resonant Frequency with Temperature from Room Temperature to -40°C or +100°C.	± .3	Mc max.
Change in Resonant Frequency due to mechanical creep.	± .3	Mc max.

WESTINGHOUSE ELECTRIC CORPORATION
ELECTRON TUBE
TUBE TYPES 6040 & 6041

