



MICROWAVE TRIODE 416B

ELECTRICAL DATA

Heater Voltage	6.3	volts
Heater Current	1.18	amps
Amplification Factor	300	
Transconductance at Plate Current = 30 ma	50,000	μ mhos
Noise Figure at 500 Mc	below 6	db

TYPICAL OPERATION

Heater Voltage	6.1	volts	
Heater Current	1.15	amps	
Plate Voltage	200	volts	
Bias Circuit — see Diagram			
Frequency	4200	Mc	
Gain:	MIN	AVE	
High Level (500 mw Output)	3	6	db
Low Level (50 mw Output)	8	10	db
Band Width (3 dB down)		100	Mc

SPECIAL DATA

RECOMMENDED GRID BIAS

