

>> FU 001F(1326) VHF triode

■ Output power:5.5kw

General characteristics

CathodeThoriated tungsten
HeatingDirect
Filament voltage7.5±0.37V
Filament current..... 51.5A
Interelectrode capacitances(cathode earthed),approx.:
 Input.....38.0pF
 Output.....0.6 pF
 Feed-through 24.0 pF
Transconductance..... 55mA/V
Amplification factor, average.....160
Operating position.....Vertical, anode up or down
Weight, approx..... 2.8 Kg
DimensionsSee page 95
Anode cooling..... Forced air
Temperature on the surface of the tube,max..... 250℃



Maximum ratings

Frequency..... 110MHz
Anode voltage.....5kV
Anode current.....2.5A
Anode dissipation.....4kW
Grid dissipation.....225W

Typical operation

RF power amplifier Example1 Example2

Out power(approx.)	5.5	6.25	KW
Anode DC voltage	5.0	13.7	KV
Grid DC voltage	-240	-125	V
Anode DC current	1.25	0.53	A
Grid current	0.8	0.6	A