



# 6V6 S

**A. F. BEAM PENTODE**  
**Base: OCTAL**

$$U_f = 6,3 \text{ V}$$

$$I_f = \text{ca } 0,5 \text{ A}$$

**Typical characteristic:** Class A1

	single tube	Push-Pull
$U_a$	250 V	250 V
$U_{g2}$	250 V	250 V
$U_{g1}$	-12,5 V	-15 V
$I_a$	45 mA	70 mA
$I_{g2}$	5 mA	13 mA
$R_a$	50 k $\Omega$	-
$R_{a-a}$	-	10 k $\Omega$
$N$	4,5 W	10W

**Limiting values:**

	Triode	Pentode
$U_a$	450 V	500 V
$U_{g2}$	450 V	450 V
$W_a$	10 W	14 W

**Grid No 1 Circuit Resistance**  
 Fixed Bias 0,1 M $\Omega$  0,1 M $\Omega$   
 Self Bias 0,5 M $\Omega$  0,5 M $\Omega$

**Capacitances:**

$$C_{g1} = 9 \text{ pF}$$

$$C_a = 8,5 \text{ pF}$$

$$C_{a/g1} = 0,7 \text{ pF}$$

Substitutes: 5871, 6AY5, 6P6C, 6V6C, 6V6GT, 6V6GTA, 6V6GTY, 6V6Y, 7184, CV509, CV510, CV511, OSW3106, VT107, VT227, WT2100082, WTT123, 7408

**Dimension and connections:**

