



## Resistance coupling Type W 412 (WD 4)

### Average Characteristics:

|                      |                    |               |
|----------------------|--------------------|---------------|
| Filament voltage     | $V_f$              | = 4 Volts     |
| Filament current     | $I_f$              | = 0.075 Amp.  |
| Max. Plate voltage   | $V_a \text{ max.}$ | = 200 Volts   |
| Slope                | $S$                | = 1.2 mA/V    |
| Amplification Factor | $\mu_n$            | = 25          |
| Impedance            | $R_i$              | = 21,000 Ohms |

This type is suitable for resistance coupled Detector and LF stages. The following coupling elements are recommended:

Coupling condenser 0.005 MF  
Grid leak 2 Megohm  
Anode resistance 1 Megohm

When working as LF amplifier 2 Volts negative Grid bias should be applied at 200 Volts HT.