

# UV2291

## Russian Tube

### Uhf power amplification

| Specifications                         |                               |
|----------------------------------------|-------------------------------|
| Name                                   | Value                         |
| Cathode type                           | Oxide, indirect heating       |
| Output type                            | Waveguide                     |
| Envelope                               | Glass with external collector |
| Mass                                   | 350                           |
| Cooling method                         | Forced air                    |
| Frequency range                        | 3800                          |
| Frequency range Minimum                | 3400                          |
| Frequency range Maximum                | 4200                          |
| Output power                           | 6W                            |
| Filament voltage, v                    | 6.3                           |
| Filament current, a                    | 2.3                           |
| Filament current, a Minimum            | 1.9                           |
| Filament current, a Maximum            | 2.6                           |
| First anode voltage, v                 | 800                           |
| First anode voltage, v Minimum         | 650                           |
| First anode voltage, v Maximum         | 950                           |
| Slow-wave circuit voltage, v           | 1625                          |
| Slow-wave circuit voltage, v Minimum   | 1500                          |
| Slow-wave circuit voltage, v Maximum   | 1750                          |
| Collector voltage, v                   | 1750                          |
| Collector voltage, v Minimum           | 1500                          |
| Collector voltage, v Maximum           | 2000                          |
| External loading agreement coefficient | 1.2                           |