

## Solid-State RF Amplifiers

## 1300 / 1500 / 1750 MHz

### Model CRE-350F 1.3 GHz

**Customer:** *Helmholtz-Zentrum Berlin (bERLinPro)*  
**Application:** *Synchrotron Light Source*  
**RF Output Power @P1:** *15 kW*  
**Efficiency (Wall-plug):** *up to 63%*  
**Bandwidth:** *± 5 MHz*  
**Number of Transistors:** *48*  
**Number of Modules:** *6*  
**Main Combiner Type:** *Waveguide*  
**RF Output Connector:** *WR650*  
**Amplifiers Sold:** *5*

### Model CRE-371A / CRE-371C 1.5 GHz

**Customer:** *Helmholtz-Zentrum Berlin (BESSY II)*  
*DESY*  
**Application:** *Synchrotron Light Source / HHC*  
**RF Output Power @P1:** *15 kW / 20 kW*  
**Efficiency (Wall-plug):** *up to 63%*  
**Bandwidth:** *± 1 MHz*  
**Number of Transistors:** *40 / 48*  
**Number of Modules:** *5 / 6*  
**Main Combiner Type:** *Waveguide*  
**RF Output Connector:** *WR650*  
**Amplifiers Sold:** *7*

### Model CRE-372A 1.75 GHz

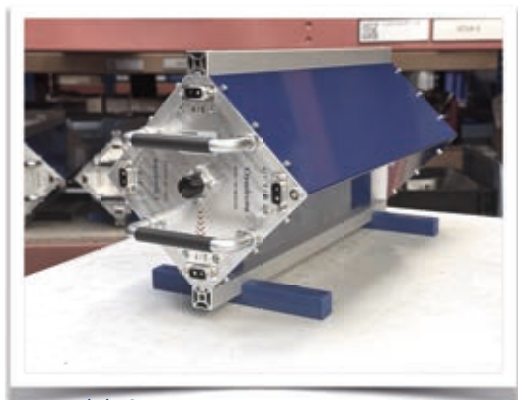
**Customer:** *Helmholtz-Zentrum Berlin (BESSY II)*  
**Application:** *Synchrotron Light Source*  
**RF Output Power @P1:** *15 kW*  
**Efficiency (Wall-plug):** *up to 63%*  
**Bandwidth:** *± 1 MHz*  
**Number of Transistors:** *48*  
**Number of Modules:** *6*  
**Main Combiner Type:** *Waveguide*  
**RF Output Connector:** *WR430*  
**Amplifiers Sold:** *3*



CRE-350F



CRE-350F for bERLinPro



RF Module 371A-1



RF Module Ports: RF & Water Quick Connectors