

1.3 HP-600 High Power Amplifier (HPA)

The 40 W HPA is identical to the unit already in use with the existing MCS system. It is an 8 MCU LRU that will be dedicated for exclusive use with the HSU.

1.4 RF Combiner and Splitter

These devices facilitate the ability of the HSU and HPA to share the HGA with the existing MCS system.

The RF Combiner attributes are:

- Size
 - 3.53" (89.66mm) height
 - 5.04" (128.02 mm) width
 - 10.91" (277.11mm) length
- Weight: < 5 pounds (2.27 kg)

The Splitter attributes are:

- Size
 - 1.00" (25.40mm) height
 - 1.75" (44.45 mm) width
 - 2.00" (50.80mm) length
- Weight: < 1 pound (0.45 kg)

1.5 System Block Diagram

