

## Remote Booster Unit

### Extends Coverage

Multi-carrier remote booster units (RBUs) have been developed to address the growing demand for wireless coverage in facilities that need to support multiple service providers on a common coax and antenna infrastructure.

### Typical Applications

RBUs can benefit coax or hybrid-coax systems that require additional gain due to extensive system loss. For ease of installation, RBUs can be powered locally or by DC power through the coax feed line with supplied bias tee. The convenient packaging allows users to independently adjust the gain for each service provider and eliminates external cabling, couplers, and filters.

### Specifications

Gain	25 dB* Nominal
Manual Gain Adjustment Range	30 dB*, 2 dB Steps
Noise Figure	6 dB*
Maximum Input	+10 dBm
Linear Output Power	
Uplink / Downlink	+20 dBm* / +20 dBm*
1 dB Gain Compression	+24 dBm
Dimensions / Weight	10 x 12 x 4 in. / 11 lbs
Connectors	N-Female
Power Requirements	5 Vdc @ 4 amp

\*Per Band / Block  
Specifications subject to change without notice.



### Model Number & Band

- CSI-RBU-C/P  
Cellular Full / PCS Full  
824-849 & 869-894 /  
1850-1910 & 1930-1990
- CSI-RBU-S8/P  
SMR 800 / PCS Full  
806-824 & 851-869 /  
1850-1910 & 1930-1990 MHz
- CSI-RBU-S8/S9  
SMR 800 / SMR 900  
806-824 & 851-869 /  
896-901 & 935-940 MHz