

Model 130 In-Line Booster

Extends Coverage

The Model 130 In-Line Booster (ILB) is bi-directional and amplifies both uplink and downlink signals. The unit is typically installed on the internal (or server) antenna side of a BDA, increasing the overall system gain by up to 30 dB in both directions. The gain in each direction can be independently adjusted over a 30 dB range in 2 dB steps for optimum system performance.

Typical Applications

The Model 130 ILB is typically used in in-building system applications where additional gain is required to compensate for excessive coaxial cable loss. If the ILB is mounted in a location where a standard outlet is unavailable, a bias tee can be used to power the unit via the existing coax cable. Several bias tee options are available and the necessary bias tee model is determined by the system configurations.

Specifications

Gain	30 dB
Gain Adjustment Range	30 dB, 2 dB Steps
Noise Figure	6 dB
Maximum Input	-15 dBm
Linear Output Power	
Cellular and SMR	23 dBm
PCS	21 dBm
Dimensions / Weight	4.5 x 3.325 x 1.065 in. / 1 lb (114.3 x 84.46 x 27.05 in. / 0.454 Kg)
Connectors	N-Female
Power Requirements	5 V @ .5A / Power Supply Provided

Specifications subject to change without notice.



Model Number & Band

- CSI-ILB130-C
Cellular Full
824-849 & 869-894 MHz
- CSI-ILB130-S8
SMR 800 Full
- CSI-ILB130-S9
SMR 900
896-901 & 935-940 MHz
- CSI-ILB130-P
PCS Full
1850-1910 & 1930-1990 MHz

Features & Benefits

Internal Bias Tee
(Power through coax)