

## ACB1933 Operation Description

The ACB1933 cable booster is an indoor coverage solution for 1900 MHz applications. It is a bi-directional, multi-carrier amplifier used to compensate for RF loss in a passive distributed antenna system, which is composed of coaxial cable, direction couplers and/or RF splitters, and antennas. The ACB1933 provides gain and additional output power in the transmit path, while symmetrically increasing gain and reducing noise figure in the receive path.

The receive path will always terminate in an RF source, such as a base station or repeater, and will not be directly connected to any antenna.