

SureCall Coupler Specifications

SC-C-6-CB

SureCall's 6 dB coupler for 5G C-band frequencies unevenly distributes the signal coming into and out of the component with low-loss signal throughput. This accessory, sometimes referred to as a tap, can be used to place multiple broadcast antennas in a long line when installing a signal booster system. This allows less signal loss out of one port ensuring that the next broadcast antenna down the line receives adequate signal. The coupler features N-Female connectors and is fully compatible with all 2G, 3G, 4G, and 5G signal booster deployments in the 600 MHz to 4000 MHz range for all North American carriers.

Part # SC-C-6-CB

Coupler Type	6 dB \pm 1.0
Frequency	600 – 4000 MHz
VSWR	\leq 1.30:1
Insertion Loss	\leq 1.7 dB
Directivity	\geq 18 dB
Power Capacity	300 W
Impedance	50 Ohm
Connector	N-Female
Dimensions	6.6 x 1.7 x 0.8 in.
Weight	10.3 oz
Material	Copper / ternary alloy plated
Shell	Aluminum ADC12 / Black powder surface
Operating Temperature	-31° F to +149° F
Operating Humidity	\leq 95 %
Class of Protection	IP65



SureCall C-Band 6 dB Coupler