

# SureCall Ultra Wide Band Coupler

SC-C-6-5G | SC-C-10-5G | SC-C-15-5G | SC-C-20-5G

A coupler, also known as a tap, is designed for maintaining signal strength across a series of indoor antennas stretching some distance in a cell phone signal booster deployment. This component unevenly distributes the signal coming into and out of the coupler, ensuring less signal loss out of one port which enables the next broadcast antenna down the line to receive an adequate signal despite the signal loss from cables and multiple antennas.

SureCall couplers are available in -6 dB, -10 dB, -15 dB, and -20 dB options and are compatible with all 2G, 3G, 4G and 5G signal booster deployments in the 600 MHz to 2700 MHz range under all North American carriers.



*SureCall Ultra Wide  
Band Coupler*

Item Model #	SC-C-6-5G	SC-C-10-5G	SC-C-15-5G	SC-C-20-5G
Operating Frequency	600 MHz—2700 MHz			
Coupling Degree (dB)	-6 dB	-10 dB	-15 dB	-20 dB
Coupling Accuracy (±)	1.0	1.2	1.5	1.5
Insertion Loss (dB)	≤1.7	≤0.8	≤0.4	≤0.3
Isolation (dB)	≥25	≥29	≥34	≥39
SWR	≤1.3 : 1			
Impedance	50 Ω			
Power Capability	200 W			
Connector	N-Female			
IP Grade	IP64			
Dimensions	4.73" x 1.58" x 0.67" (Without Connectors)			
Dimensions (mm)	120 x 40 x 17 mm (Without Connectors)			
Weight	7.4 oz			
Color	Black			
Operating Temp.	-31°F to +140°F			