



# FUSION4HOME MAX

## Best-in-Class Performance with Extended Range Technology



### GAME-CHANGING TECHNOLOGY

Fusion4Home Max is the first cellular booster for homes to feature Extended Range Technology™ (ERT), which fundamentally changes the typical signal booster architecture by amplifying the signal at its strongest point and overcoming signal loss in the coax cable to deliver best-in-class coverage and connectivity indoors.

### WHAT IS ERT?

By eliminating signal loss in the RG-6 coax cable, ERT is able to send a stronger signal with lower noise indoors to provide a larger coverage area and send a stronger signal back to the cell tower.

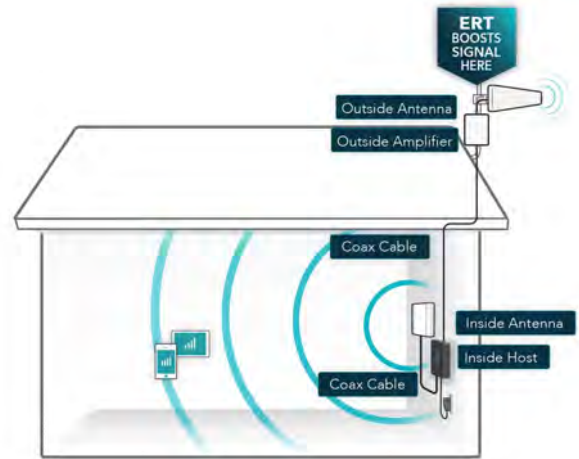
Essentially, the outdoor amp captures and amplifies cell signals at the strongest point outside the building. This revolutionary, patented innovation offers several key performance advantages over all other signal boosters including:



**MAXIMUM COVERAGE**– Highest system gain in its class and exclusive Extended Range Technology (ERT) reduces signal loss in the RG-6 cable to provide maximum indoor coverage.

**MAXIMUM CONNECTIVITY**– Patented 2XP technology and outdoor booster placement doubles the transmit power to the cell tower ensuring a strong reliable connection even in the most rural homes.

**MAXIMUM DATA PERFORMANCE**– Highest signal quality that increases data throughput for a more consistent streaming experience on all 4G and 5G phones and mobile devices.



### HIGHEST DOWNLINK GAIN ON ALL BANDS

Fusion4Home Max outperforms the Multi-Room (when adjusted for cable loss) by delivering up to +7 dB higher downlink gain and a higher signal-to-noise ratio (SINR). Fusion4Home Max also features the SureCall's patented 2XP technology, which doubles uplink transmission power to cell towers to help users stay connected in even the most remote and signal deprived locations.

Booster Downlink Gain (dB)	Fusion4Home Max	Home Multi-Room	Difference per band
Band 12	61.9	57.8	+4.1 dB
Band 13	61.7	56.5	+5.2 dB
Band 5	61.0	58.6	+2.4 dB
Band 25	67.6	60.7	+6.9 dB
Band 4	69.5	62.2	+7.3 dB

Source: FCC adjusted for cable loss using Times Microwaves industry standard calculations

**The combination of ERT and 2XP technologies gives SureCall's Fusion4Home Max a clear technological performance advantage among all-carrier cell signal boosters for rural and suburban areas.**