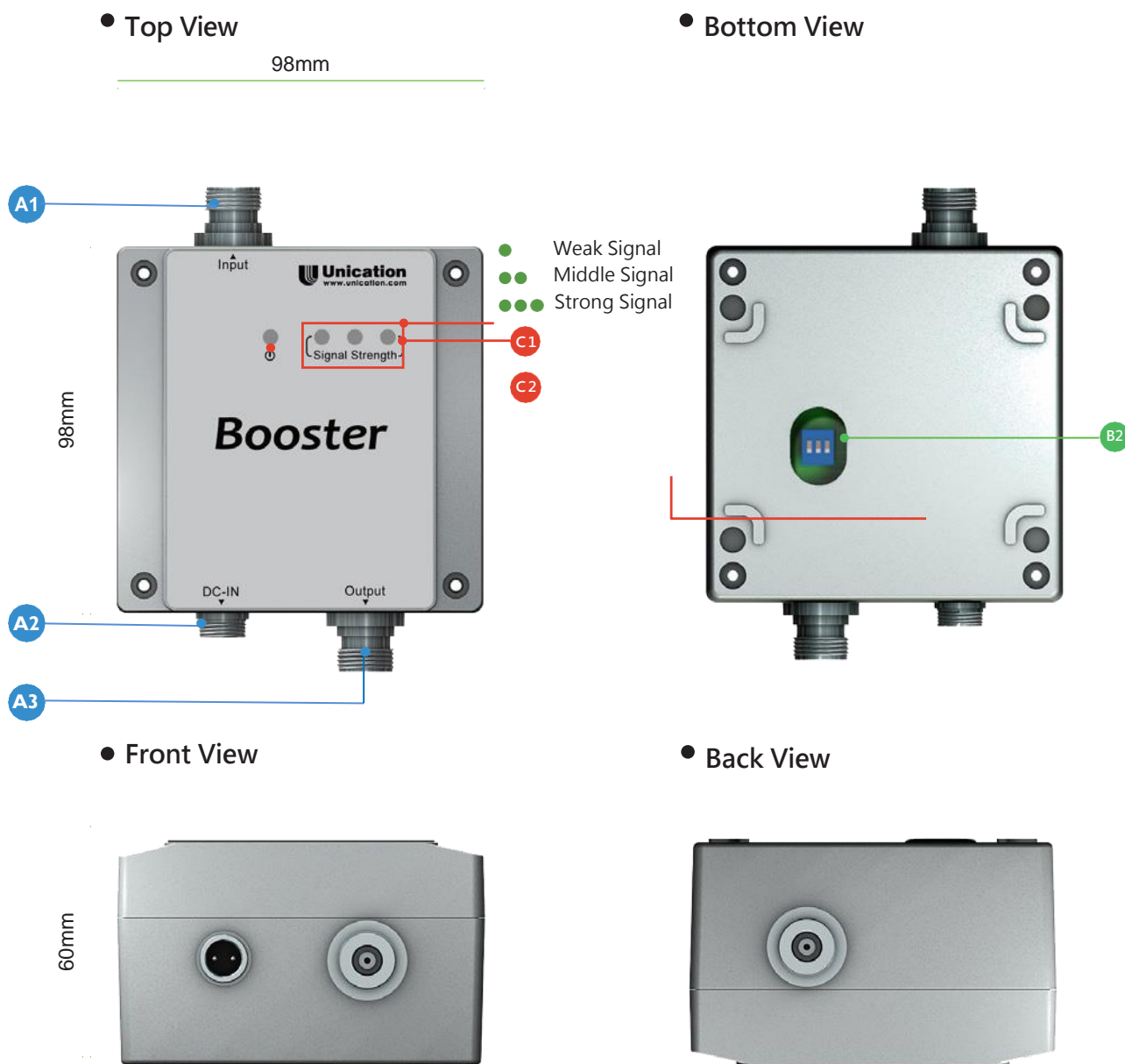


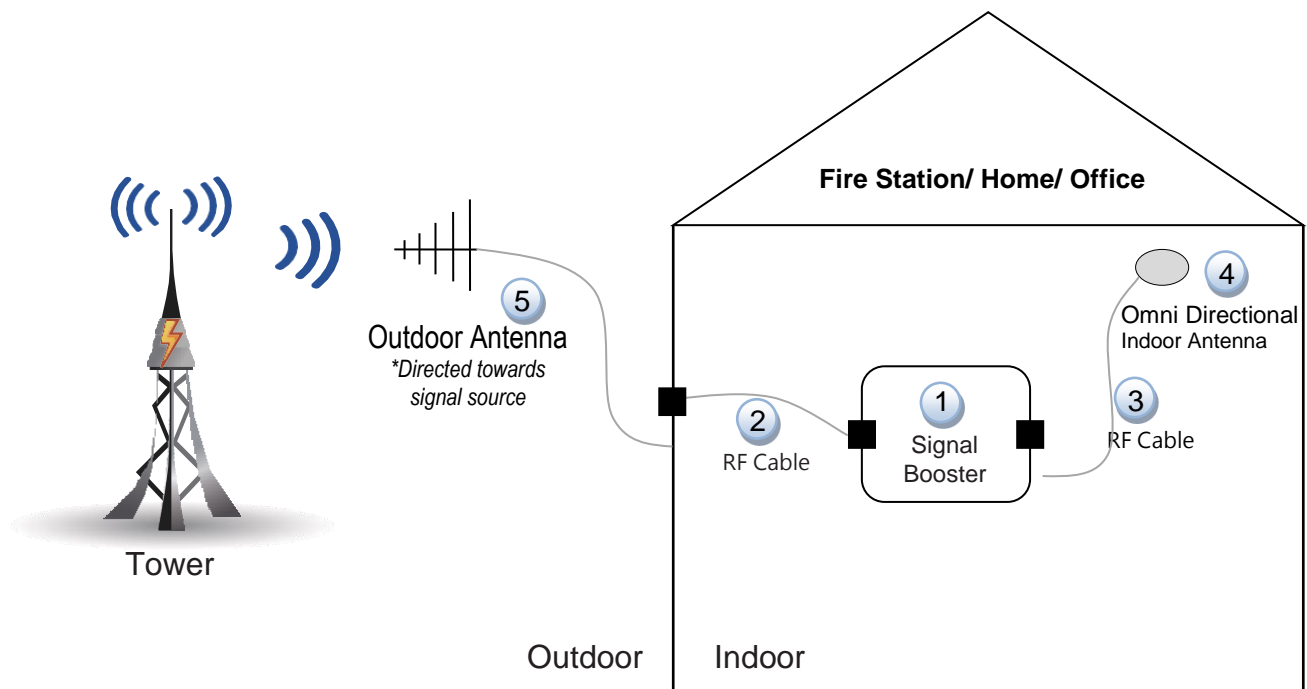
1. BOOSTER OVERVIEW



A: Interface					
A1	Input prior to the signal amplification	A2	Power Input	A3	Output after signal is amplified

B: Gain Switching	
B1	Gain switch

2. BOOSTER SYSTEM DIAGRAM



- ① One-Way Signal Booster
- ② RF Cable (connecting Booster to outdoor antenna)
- ③ RF Cable (connecting Booster to indoor antenna)
- ④ Indoor Antenna (Omni-Directional Antenna)
- ⑤ Outdoor Antenna*
*Facing direction of signal source (distant tower)

3. BOOSTER HIGH / LOW GAIN SWITCH DIAGRAM

Initial Setup- Booster High / Low Gain Setting Configuration:

	VHF / UHF	700 MHz	800 MHz	700/800 MHz
Low Gain Mode				
High Gain Mode				

- After installation, you may adjust the Booster settings using the “Gain Switch”. Configure switch as outlined above according to your frequency band(s) and desired gain setting.
- The above diagram outlines available switch positions for Low & High-Power gain in supported frequencies.
- To expand the indoor signal coverage area, position the switch to the High-Power gain setting.

Important Note: If the receiving range decreases when Booster is set to High gain there is signal interference in the area. To correct, change setting to Low Gain.

4. BOOSTER ACCESSORIES

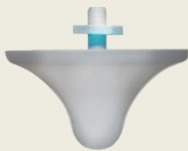
The One-Way Signal Booster package includes: (1) One-Way Signal Booster, (1) Power Cable w/AC Power Adapter and Wall Mount Hardware & screws.

Required Accessories for Operation: Booster requires the following for operation...

- Two (2) RF coax cables for connecting the Booster to indoor and outdoor antennas (Recommend LMR 400 Coaxial or equivalent) with N-Male connectors.
- One (1) external (outdoor) antenna & mounting hardware (In frequency band desired)
- One (1) internal (indoor) omni-directional antenna (In frequency band desired)
- Unication recommends using a lightning protector connection between the outdoor antenna and Booster to protect the system from damage in case of lightning strike.

Unication Accessories (for One-Way Signal Booster)

Omni-Directional Antenna
(Indoor)



700-800 MHz

Antenna Bracket

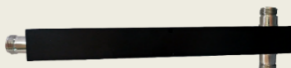


Yagi 18 dB Gain Antenna
(Outdoor)



700-800 MHz

Power Divider



LMR400 Coax Cable
(N-Male/N-Male Connectors)



*Unication has an 800MHz Bundle Package offer that includes all parts needed for operation on 700-800MHz. The bundle package includes (1) Omni Directional 800MHz Internal Antenna, (1) Yagi 18 dB Gain Outdoor Antenna, (2) 10-meter LMR 400 Cables w/end connectors.

Learn more about this product at www.unicationusa.com/one-way-signal-booster

Questions? Contact Unication by email at info@unication.com



Unication

