

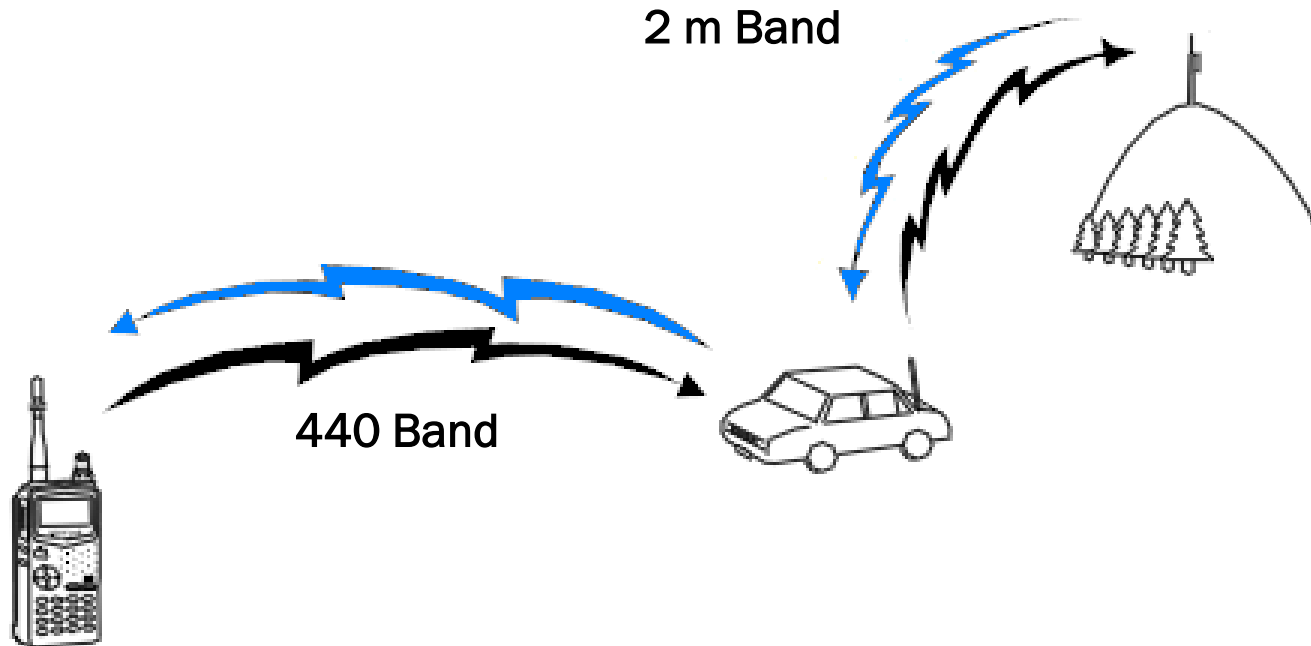


**WHY CROSS-BAND
REPEAT IS IMPORTANT**

HOW CROSS-BAND REPEAT WORKS

**THE CROSS-BAND RADIO RELAYS A
SIGNAL FROM ONE BAND ONTO
ANOTHER BAND.**

How Dual Direction Cross-band Works



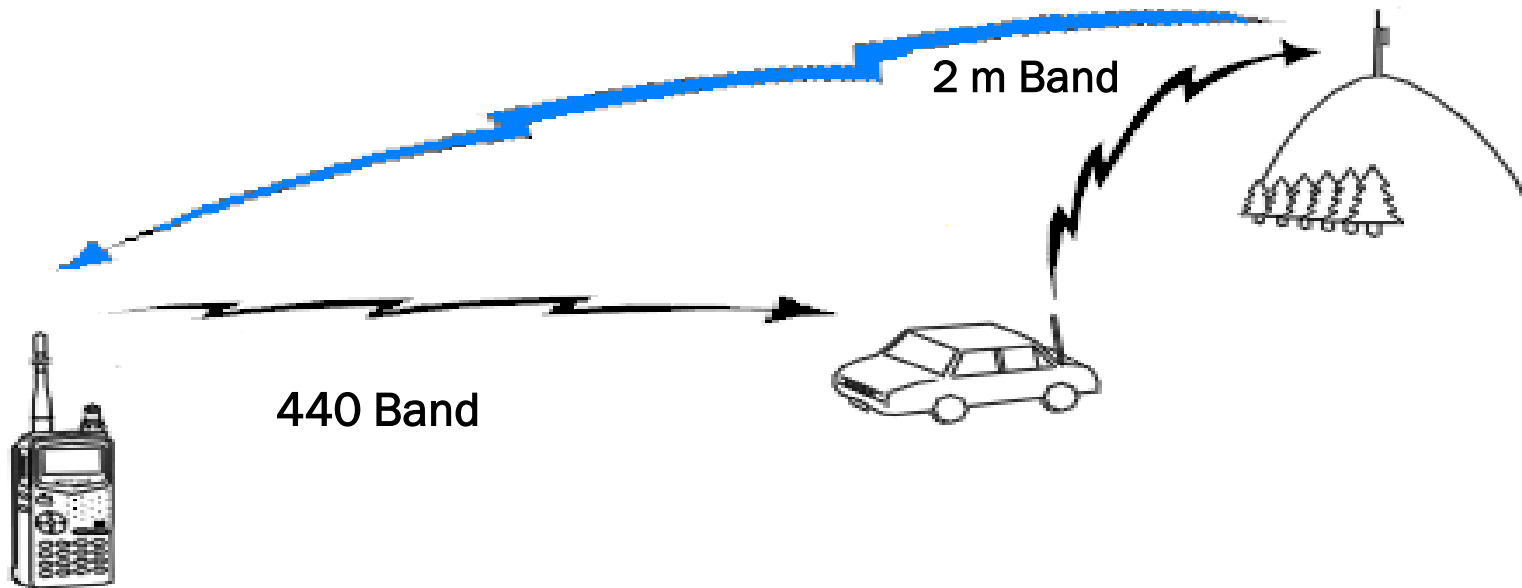
Advantage:

Allows you operate from inside a building.

Disadvantage:

Repeater must stop transmitting before you can go.

How Single Direction Cross-band Works



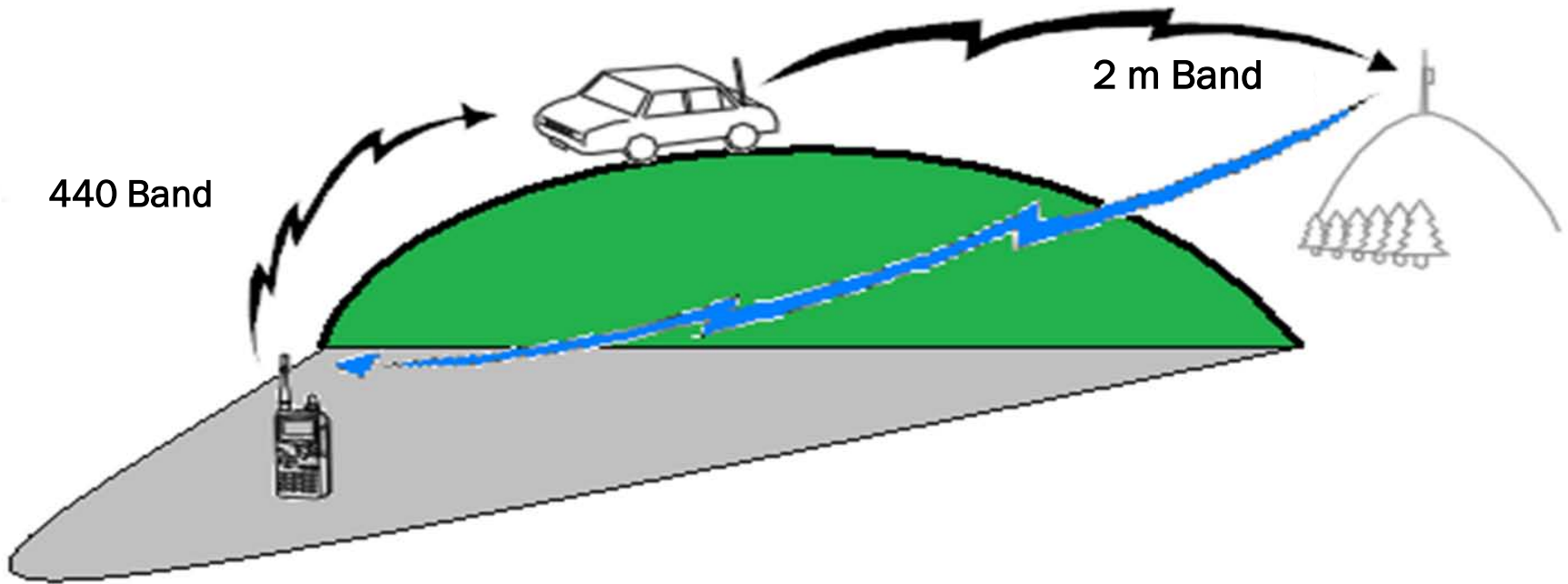
Advantage:

Does not wait for the repeater to drop.

Disadvantage:

2m signal may not get into some buildings.

OTHER ADVANTAGES



- Need less power out of your HT to reach repeater
- Allows HT access the repeater when:
 - ❖ It would be out of range.
 - ❖ The path is obstructed.

WHEN OPERATING CROSS-BAND REPEAT

- Always set a CTCSS tone
 - ❖ Prevents interference
- Turn off Auto Power Off (APO)
 - ❖ For extended time away from radio

