

**QUICK REFERENCE SHEET**

# Radar Fundamentals Quick Reference

A concise printable guide covering PRI, unambiguous range, range resolution, and radar horizon for quick reference during study and system planning.

## QUICK OVERVIEW

**Category:** rf radar communications

Includes 1 related guide page.

Links back to 4 calculator tools.

## FORMULA HIGHLIGHTS

$$\text{PRI} = 1 / \text{PRF}$$

$$\text{Unambiguous range} \\ \text{R}_{\text{unamb}} = c \times \text{PRI} / 2$$

## WHAT IS INSIDE

- Core radar timing and geometry formulas.
- Short notes on what each quantity limits or enables.
- Quick prompts for keeping round-trip timing clear.

## BEST USE

Useful for revision and quick checks when the main radar quantities need to stay visible side by side.