

# Solar Panel Mounting Hardware



**Simple & easy to use,  
no electronics required!**

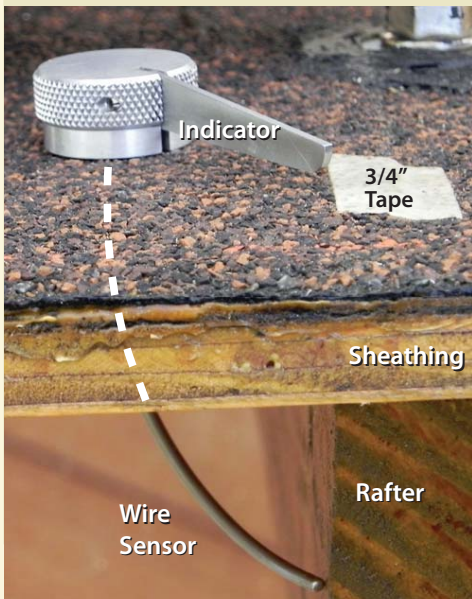
**Pinpoint Rafter Location**– The Concise Designs patented wire rafter/stud finder provides positive mechanical feedback to locate edge of rafter with an accuracy of +/- 1/16 inch.

- Fewer penetrations to locate rafter for solar installations
- Ideal for composition roofing
- Made with corrosion-proof materials
- Simple instructions: "Thump once, drill once, insert **Rafter-Finder**, measure layout and proceed with confidence!" *Follow steps below.*

More products by Concise Designs:

Photovoltaic Underside Mounting System, UL listed 4TR1 and Lay-in Ground Lug, UL467 listed 4TU4

Indicator points to exact rafter location.



- Step 1.** Place appropriate snap lines on roof to locate horizontal rails.
- Step 2.** Thump roof for best estimate of center location of rafter.
- Step 3.** Drill 5/32" dia. hole roughly 2" left of estimate.
- Step 4.** Raise indicator and insert wire sensor into hole.
- Step 5.** Feed wire sensor through hole and lower indicator.
- Step 6.** Tip of wire sensor below roof is directly below tip of indicator above.
- Step 7.** Rotate knob until wire stops at edge of rafter below.
- Step 8.** Mark center of rafter with soapstone or 3/4" tape from tip of indicator and mark snap line.

[www.rafter-finder.com](http://www.rafter-finder.com)

Part #: RF-11  
**CALL TO ORDER**

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