Datasheet: Pro3000™ Tone and Probe Family

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Stop the Buzz. Find Cables Faster with Clear, Precise Toning

- **Clear** - Innovative filter technology blocks interference ("buzz") that makes tracing difficult ("F" models only)
- **Precise** – SmartTone™ technology provides five distinct tones for exact pair identification
- Sends loud tone up to 10 miles (16 kilometers) on most cables
- Loud speaker on probe makes the tone easier to hear through drywall, wood, and other enclosures
- Angled bed-of-nails clips allow easy access to individual pairs
- RJ-11 connector is ideal for use on telephone jacks
- Attach nylon pouch (included in kit) to your belt for easy





Signal Interference can be caused by multiple sources (I.e. power cables, fans, lighting, etc.) and can make tracing communication cabling almost impossible.

The Pro3000F probe utilizes innovative filter technology to obstruct signal interference to make tracing your cable easier, regardless of the work environment. Depending on the region, signal interference may be at 60 Hz, which is most common in North America, or 50 Hz, which is more common in Europe and Asia. For this reason, there are 2 versions of the Pro3000F Filtered Probe. The Pro3000F60, which obstructs 60 Hz signals and its harmonics and the Pro3000F50, which blocks interference at 50 Hz and its harmonics.

Technicians can also switch between filtered and unfiltered modes with a simple push of a button. The probe's loud speaker also allows for use in noisy locations and for tracing cable through drywall, wood and other enclosures. The probe also touts an auto-off feature that deactivates the probe after 5 minutes to conserve battery life.

The Pro3000F Filtered probe becomes even more useful when paired with the the Pro3000 Tone Generator. The Pro3000 Tone Generator allows for direct connection to unterminated wire using the angle bed of nails clips or terminated RJ-type jacks with the male RJ-11 plug. The tone generators strong tone and SmartTone™ technology allows for precise pair identification up to 10 miles (16 km) away.

Pro3000 Analog Tone Generator and SmartTone™

Use the SmartTone™ capability of the Pro3000 Tone Generator to identify the right pair. Simply short the selected pair at the near or far end to change the cadence of the tone generated. The tone change you hear through the probe can help you identify the correct wire pair. SmartTone™ provides five distinct tones for exact pair identification.



Tone Generator features:

- SmartTone™
- Send tone signal up to 10 miles on most cables
- Line cord features angled bed-of-nails clips and a rugged RJ-11 plug for direct access to phone and data jacks without adapters
- External switch allows selection of solid or alternating tone options, indicated with solid or flashing LEDs
- Continuity Testing
- Line polarity confirmation



Pro3000F Filtered Probe features:

- Innovative filtered probe obstructs signal of 60 Hz or 50 Hz external interference
- Switch between filtered and unfiltered modes with one button press.
- Tone and trace wire on non-active networks
- Auto-off capability extends battery life
- Loud probe speaker is audible in noisy locations

Pro3000 Unfiltered Probe

For technicians that do not require a filtered probe, there is the original Pro3000 Probe. The ergonomic sleek design is easy to handle and use. Like the Pro3000F Filtered probe, the Pro3000 Unfiltered Probe features a loud speaker to hear tone clearly through walls, enclosures and in loud environments. The recessed on/off button helps prevent the probe from accidently being turned on when stored.





Pro 3000 Toner Specifications	
User Interface	Slide Switch selects Continuity or Tone Mode Push button switch selects SOLID, ALT, or OFF Tone mode LED Continuity/Polarity LED
Solid Frequency	1000 Hz nominal
Alternating Frequency	1000/1500 Hz nominal
Over Voltage Protection/td>	60 Vdc in Toner/Polarity Mode
Output Power in Tone Mode	8 dbm into 600 ohms
Output Voltage Level in Continuity Mode	8 Vdc with fresh battery
Battery	9V alkaline
Temperature	Operating: -20°C to 60°C, Storage: -40° to 70° C
Dimensions	2.7 in. x 2.4 in. x 1.4 in. (6.9 cm x 6.1 cm x 3.6 cm)

Pro3000F Filtered Probe Specifications	
User Interface	ON/OFF button (Push 1 second to activate, Press to turn off, Auto-off after 5 minutes) Filtered/Unfiltered Mode Button with LED (Green = Filtered, Red = Unfiltered) Volume dial Replaceable tip 3.5 mm earphone jack
Frequencies filtered	Pro3000F60 Probe: 60 Hz and its harmonic frequencies Pro3000F50 Probe: 50 Hz and its harmonic frequencies
Battery	9V alkaline
Temperature	Operating: -20° C to 60° C, Storage: -40° to 70° C
Dimensions	9.8 in. x 1.6 in. x 1.3 in. (24.9 cm x 4.1 cm x 3.3 cm)

Pro3000 Analog Unfiltered Probe Specifications	
User Interface	ON/OFF pushbutton (Hold to activate, release to turn off) Volume dial Replaceable tip 3.5 mm earphone jack
Battery	9V alkaline
Temperature	Operating: -20° C to 60° C, Storage: -40° to 70° C
Dimensions	9.8 in. x 1.6 in. x 1.3 in. (24.9 cm x 4.1 cm x 3.3 cm)






Feature	Pro3000 Analog Tone and Probe	Pro3000F60-KIT	Pro3000F50-KIT	Intellitone Pro 200 (MT-8200-60-KIT)
Analog Signal tracing	X	X	X	X
Digital Signal tracing				X
SmartTone™	X	X	X	X
Used on Inactive Networks	X	X	X	X
Used on Active Networks				X
Frequency Filter		60 Hz	50 Hz	
3.5 mm Jack	X	X	X	
Replacable Tip	X	X	X	
Auto-Off		X (Probe - 5 minutes)	X (Probe - 5 minutes)	X (Toner= 2.5 hours, Probe = 1 hour)
Wiremap				X
Signal Strength Indicator				X

Model	Description
Pro3000F60	Pro3000F Filtered Probe (60 Hz)
PRO3000F60-KIT	Pro3000F Filtered Probe (60 Hz) and Tone Generator Kit
Pro3000F50	Pro3000F Filtered Probe (50 Hz)
PRO3000F50-KIT	Pro3000F Filtered Probe (50 Hz) and Tone Generator Kit
26200900	Pro3000 Tone Generator
26000900	Pro3000 Analog Tone and Unfiltered Probe Kit
26100900	Pro3000 Unfiltered Probe
26100103	Replacement tip for PRO3000F60, PRO3000F50, and Unfiltered Pro3000 Probes

Fluke Networks operates in more than 50 countries worldwide.
To find your local office contact details, go to www.flukenetworks.com/contact.

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