

3M™ Active Duct Probe 3229

The quick, efficient way to trace underground facilities and locate blockages

The 3M™ Active Duct Probe (ADP) 3229 is an active mini-transmitter (sonde) that allows the user to trace the path of many types of non-metallic underground facilities:

- Electrical/CATV/telephone conduit
- Gas pipelines
- Water and wastewater pipelines

The ADP can help the user pinpoint key points, such as J-boxes, handholes and stubs. After location, these points can be marked with 3M™ Electronic Marker System (EMS) Markers for efficient location at a later date.

When a conduit or pipe has been crushed or becomes blocked, the trouble spot is easily located using the active duct probe.

The active duct probe consists of two components:

- A high-strength Delrin® case that provides low-friction, chemical resistant performance.
- An inter-functional portion (IFP) unit that is tuned to a specific frequency for the desired application.

The ADP can be attached to a push rod or pull tape and inserted into a buried, non-metallic sewer, duct, drain, or pipe. Then the ADP can be accurately located using 3M™ Dynatel™ Cable/Fault Locators M series and 2200 series or other competitive locators using the appropriate frequency.



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Specifications

| | |
|------------------------|---|
| Size | 6" long x 1.625" diameter (153 mm x 42 mm) |
| Weight | Empty: 7.5 oz. (215 gm) With battery: 9.3 oz. (260 gm) |
| Thread size; | 1/4 x 20 3/8 x 16 |
| Detectable range* | 20 ft (6.1 m) typical |
| Detectable measurement | Range: 2 to 15 ft. (0.6 to 4.6 m) Accuracy: +/- 15% or 4 in. (10 cm), whichever is greater |
| Regulatory | CE |

Environmental Specifications

| | |
|------------------------|------------------------------------|
| Operating temperature | -4 to 122°F (-20 to 50°C) |
| Storage temperature | -40 to 158°F (-40 to 70°C) |
| Maximum water pressure | 50 ft. (15 m) when properly closed |

Electrical Specifications

| | |
|--------------|--|
| Battery | 9-volt (NEDA 1604A alkaline or equivalent) |
| Battery life | 40 hours typical |

Ordering information

| Product Number | Product Description | Compatible Locator |
|----------------|--|-----------------------------------|
| 3229 | Active Duct Probe 33 kHz Sonde (Includes metric adapter) | 3M™ Dynatel™ Locators 2200 Series |

To order, call 800/426-8688.

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