

Leica Digicat xf-Series

Intelligent cable locators & signal transmitters



With Leica Geosystems state-of-the-art xf locators and transmitters, users can detect buried utilities faster and more accurately than ever before. The Leica Digicat xf-Series has been specifically designed with long distance tracing in mind. The ability to trace low transmitter frequencies provides a greater tracing range, as well as the ability to locate sewer - camera inspection systems.

Features & Benefits:

- State-of-the-art Digital Signal Processing (DSP)
- Built-in test function
- Service due indicator
- Signal Service Indicator (SSI)
- High contrast LCD screen
- Data logging
- Depth indication
- Current level indication
- Logicat software
- Bluetooth® connectivity

- when it has to be **right**

Leica
Geosystems

Leica Digicat xf-Series

Product specification

Features	Digicat 500i xf Article no. 798640 / 798641	Digicat 550i xf Article no. 798642 / 798643	Digicat 600i xf Article no. 798644 / 798645	Digicat 650i xf Article no. 798646 / 798647
Frequency / Mode	Power mode 50 Hz or 60 Hz, Radio mode 15 kHz to 60 kHz Transmitter mode 8 kHz, 33 kHz, 512 Hz, 640 Hz Auto mode = Power + radio mode	Power mode 50 Hz or 60 Hz Radio mode 15 kHz to 60 kHz Transmitter mode 8 kHz, 33 kHz, 512 Hz, 640 Hz Auto mode = Power + radio mode	Power mode 50 Hz or 60 Hz Radio mode 15 kHz to 60 kHz Transmitter mode 8 kHz, 33 kHz, 512 Hz, 640 Hz Auto mode = Power + radio mode	Power mode 50 Hz or 60 Hz Radio mode 15 kHz to 60 kHz Transmitter mode 8 kHz, 33 kHz, 512 Hz, 640 Hz Auto mode = Power + radio mode
Depth	Power to 3 m, Radio to 2 m Transmitter mode - Dependant on transmitter or Digimouse (Sonde)	Power to 3 m, Radio to 2 m Transmitter mode - Dependant on transmitter or Digimouse (Sonde)	Power to 3 m, Radio to 2 m Transmitter mode - Dependant on transmitter or Digimouse (Sonde)	Power to 3 m, Radio to 2 m Transmitter mode - Dependant on transmitter or Digimouse (Sonde)
Depth estimation		Line mode - 0.3 to 3 m Sonde mode - 0.3 to 9.9 m 10% of depth in line or Sonde mode		Line mode - 0.3 to 3 m Sonde mode - 0.3 to 9.9 m 10% of depth in line or Sonde mode
Protection	Conforms to IP54	Conforms to IP54	Conforms to IP54	Conforms to IP54
Bluetooth®	Not available	Not available	Enabled	Enabled
Batteries	6 x AA alkaline (IEC LR6 supplied)	6 x AA alkaline (IEC LR6 supplied)	6 x AA alkaline (IEC LR6 supplied)	6 x AA alkaline (IEC LR6 supplied)
Battery life	40 hours intermittent use (at 68 F, 20 C)	40 hours intermittent use (at 68 F, 20 C)	40 hours intermittent use (at 68 F, 20 C)	40 hours intermittent use (at 68 F, 20 C)
Weight	2.7 kg including batteries	2.7 kg including batteries	2.7 kg including batteries	2.7 kg including batteries
Compatibility			CSV file compatibility program	CSV file compatibility program
Memory size			32 MB memory	32 MB memory
Capability			80 hrs of data	80 hrs of data

Features	Digitex 100t xf Article no. 798648	Digitex 300t xf Article no. 798649
Operating transmission frequencies	• 8.192 kHz • 32.768 kHz • Mixed 8/33 • 512 Hz • 640 Hz	• 8.192 kHz • 32.768 kHz • Mixed 8/33 • 512 Hz • 640 Hz
Output power	4 levels	4 levels
Induction (Max)	Up to 1w max	Up to 1w max
Direct connection	Up to 1w max when connected to a buried service with an impedance of 100 Ohms	Up to 3w max when connected to a buried service with an impedance of 100 Ohms
Battery type	4 x D alkaline (IEC LR20), supplied	4 x D alkaline (IEC LR20), supplied
Battery Life (Typical use at 20°C)	30hrs intermittent use	20hrs intermittent use
Weight	2.4 kg/5.3 lbs including batteries	2.4 kg/5.3 lbs including batteries
Dimensions	105mm (H) x 190mm (D) x 235mm (W)	105mm (H) x 190mm (D) x 235mm (W)
IP Rating (Case lid closed)	IP65	IP65
IP Rating (Case lid open)	IP54	IP54



Total Quality Management - Our commitment to total customer satisfaction.

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