

# 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

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**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
<b>Frequency / Mode</b>	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
<b>Depth</b>	Power to 10 feet (3 m), Radio to 6.5 feet (2 m) Transmitter mode - Dependant on transmitter or Digimouse (Sonde)	Power to 10 feet (3 m), Radio to 6.5 feet (2 m) Transmitter mode - Dependant on transmitter or Digimouse (Sonde)	Power to 10 feet (3 m), Radio to 6.5 feet (2 m) Transmitter mode - Dependant on transmitter or Digimouse (Sonde)	Power to 10 feet (3 m), Radio to 6.5 feet (2 m) Transmitter mode - Dependant on transmitter or Digimouse (Sonde)
<b>Depth estimation</b>		Line mode - 1 foot to 10 feet (0.3 to 3 m) Sonde mode - 1 foot to 32 feet (0.3 to 9.9 m) 10% of depth in line or Sonde mode		Line mode - 1 foot to 10 feet (0.3 to 3 m) Sonde mode - 1 foot to 32 feet (0.3 to 9.9 m) 10% of depth in line or Sonde mode
<b>Protection</b>	Conforms to IP54	Conforms to IP54	Conforms to IP54	Conforms to IP54
<b>Bluetooth®</b>	Not available	Not available	Enabled	Enabled
<b>Batteries</b>	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)
<b>Battery life</b>	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)
<b>Weight</b>	6 lb (2.7 kg) including batteries	6 lb (2.7 kg) including batteries	6 lb (2.7 kg) including batteries	6 lb (2.7 kg) including batteries
<b>Compatibility</b>			CSV file compatibility program	CSV file compatibility program
<b>Memory size</b>			32 MB memory	32 MB memory
<b>Capability</b>			80 hrs of data	80 hrs of data

Features	Digitex 100t xf Article no. 798648	Digitex 300t xf Article no. 798649
<b>Operating transmission frequencies</b>	• 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
<b>Output power</b>	4 levels	4 levels
<b>Induction (Max)</b>	Up to 1w max	Up to 1w max
<b>Direct connection</b>	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
<b>Battery type</b>	4 x D alkaline (IEC LR20), supplied	4 x D alkaline (IEC LR20), supplied
<b>Battery Life (Typical use at 20°C)</b>	30hrs intermittent use	20hrs intermittent use
<b>Weight</b>	2.4 kg/5.3 lbs including batteries	2.4 kg/5.3 lbs including batteries
<b>Dimensions</b>	4 in/105mm (H) x 7.5 in/190mm (D) x 9.3 in/235mm (W)	4 in/105mm (H) x 7.5 in/190mm (D) x 9.3 in/235mm (W)
<b>IP Rating (Case lid closed)</b>	IP65	IP65
<b>IP Rating (Case lid open)</b>	IP54	IP54



**Total Quality Management – Our commitment to total customer satisfaction.**

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