# Leica DD300 CONNECT Utility Locator Solution

Utility Detection for All Users





leica-geosystems.com

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### **DD300 CONNECT** Locator Technical Specifications

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ODE	DD300 CONNECT	
ower	50 / 60 Hz mains electrical and harmonics	
adio	15kHz to 60kHz	
ito	Power, Radio, 33kHz	
ansmitter Modes	131.072 (131) kHz 83.078 (83) kHz 32.768 (33) kHz 8.192 (8) kHz 512 Hz 640 Hz	Ę
epth Range	Line 0.1m to 7m 4 inches to 23 feet Sonde 0.1 to 10m Sonde 4 inches to 32.8 feet	
epth Accuracy*	5%	
Jetooth	Class 2 BLE dual mode module Bluetooth Classic 2.1 Bluetooth 4.0 (LE)	
s5**	Chipset (1): u-blox®GPS Receiver Type: GPS L1C/A, SBAS L1C/A, QZSS L1C/A, GLONASS L1OF, BeiDou B1 Accuracy (2): Horizontal Position 2.5 m Autonomous, 2.0 m SBAS,CEP Start time: Cold 45 s typical, Aided 7 s typical, Hot 1 s typical	<u>feic</u>
emory Capacity	8 GB internal memory	
ironmental Standard	IP65	
erating Temperature	-20 °C to +50 °C -4 °F to +122°F	
ttery	4 X LR20 Alkaline Battery - Li-Ion as Optional	1
tery operating time ***	10 h	
nensions (HxWxD)	765x290 x93mm 30.12 x11.42x3.66 inches	
eight with batteries	2.86Kg 6.3 lbs	

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\*Depth to an undistorted signal

<sup>\*\*</sup>(1) All data/information according to manufacturer u-blox®GPS; Leica Geosystems does not assume any liability whatsoever for such information.

(2) Accuracy is dependent upon various factors including atmospheric conditions, multipath, obstructions, signal geometry and number of tracked satellites.

\*\*\* Constant use at 20°C/68°F

## **DA300** Signal Transmitter **Technical Specifications**



MODE	DA300	
Induction Mode Frequencies	32.768 (33) kHz / 8.192 (8) kHz	
Power Output	Up to 1 Watt max.	
Direct Connection Mode Frequencies	131.072 (131) kHz / 83.078 (83) kHz / 32.768 (33) kHz / 8.192 (8) kHz / 512 Hz / 640 Hz	
Environmental Standard	IP67	
Operating Temperature	-20 °C to +50 °C / -4 °F to +122°F	
Storage temperature	-40°C to +70°C, / -40°F to +158°F	
Battery	4 x LR20 Alkaline Battery - Li-Ion as optional	
Battery operating time **	15 h	
Dimensions (HxWxD)	250 x 206 x 113 mm / 9.84 x 8.11 x / 4.45 inches	
Weight with batteries	2.46Kg / 5.42 lbs	

\*\*Defined at 20°C (77°F) power level 2



#### TRACE RODS

Used with the DD Locators and DA Signal Transmitter to trace the route of non metallic drains, ducts or pipes. Trace Rod 50M / Trace Rod 80M



**TRANSMITTER CLAMPS** Used with the DA Signal transmitter to apply a trace signal to utilities such as telecom cables, power cables and pipes. Transmitter Clamp 100mm (4") / Transmitter Clamp 80mm (3.15")



#### PROPERTY PLUG CONNECTOR

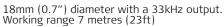
Used with the DA Signal transmitter to apply a trace signal to residential electrical supplies



**SONDES** Used to trace the route of drains, sewers plastic pipes and ducts. Available in many sizes to cover a wide range of applications.



### Mini Sonde 33





### Duct Sonde 33 24mm (0.95") diameter with a 33kHz output. Working Range 5m (16.4ft)



Clamp Sonde 33 40mm (1.57") diameter with a 33kHz output. Clamp sonde clamps onto a 12mm (0.74inch) flexible rod. Working range 5m (16.4ft)



#### Maxi Sonde 8/33

Midi Sonde 8/33

55mm (2.17") diameter with an 8kHz or 33kHz output. Working range 12m (39.4ft)

38mm (1.5") diameter with an 8kHz or 33kHz output. Working Range 5m (16.4ft)

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