

Features:

- Rugged Teflon® housing with Aluminum sensing face
- BNC quick disconnect
- Ideal for use in chemically aggressive environments
- Exponential horn to decrease beam width and increase range
- Uses the high performance PAR1418 transducer

Applications:

- Level measurement
- Open channel flow
- Obstacle avoidance
- Proximity

Options:

- Thermistors are available for temperature compensation

Specifications:

Best Operating Frequency	20.0kHz +/- 4%
Min Receive Sensitivity ¹	-59 dB
Insertion loss at 50"	
Impedance	10kΩ +/- 30%
(Min parallel resistance)	
Free (1kHz) Capacitance	2300pF +/- 500pF
Min/Max Sensing Range ²	2' – 130'
Beamwidth:	18° +/- 2°
(-3dB full angle)	5° w/ horn
Maximum Driving Voltage:	150Vp-p
(2% duty cycle tone burst)	
Operating Temperature:	-17.8°C – 57.2°C
	(0°F – 135°F)

All specifications typical at 22°C (71.6°F)

¹ By comparing input drive voltage to return echo at 1m. With 30 drive cycles.

² Pulse-Echo Mode. Min. and Max. ranges are best case scenarios. Actual range may vary, depending on drive circuitry and signal processing.

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