

RADII® CEMENT BOND TOOL - HD - 3 1/2 IN.



SKU: 050-RB350-1000

Categories: [Cased Hole Wireline](#), [Cement Evaluation](#), [HD Platform™](#), [RADii](#), [Well Integrity](#)



PRODUCT DESCRIPTION

The large diameter RADii® HD Segmented Cement Bond Tool uses a single ceramic transmitter, a sixteen segment receiver at 3 ft. and a single receiver at 5 ft. spacing. The segmented receiver generates a cement map which enables identification of cement channeling while the single receiver generates the traditional cement bond log (CBL) and a variable-density log (VDL).

Ratings & Dimensions

Max Temperature	350°F (177°C)
Maximum Pressure	15,000 psi (103.42 MPa)
Outer Diameter	3.5 in (88.90 mm)
Length	9.35 ft (2.82 m)
Weight	175.0 lb (79.40 kg)
Tensile Strength	Tension: 40,000 lb Compression: 40,000 lb
Materials	SST
Measure Points	Amplitude, TT: 4.3 ft (1.3 m) VDL, Signature: 3.3 ft (1.0 m)

Borehole Conditions

Borehole Fluids	Salt, Fresh and Oil
Tool Positioning	Centralized with one each centralizer above and below

Hardware Characteristics

Source Type:	One piezoelectric crystal fired at 18 kHz, 50 msec intervals
Sensor Type	Omni Receiver: One 18 kHz piezoelectric Radial Receiver: One 16 segment 18 kHz piezoelectric
Fire Rate	20/sec

Waveform	Analog: 3 ft (.9 m), 5 ft (1.5 m), Digital: Telemetry Data
Record Time	1400 μ s for each receiver, 500 μ s for each sector
Combinability	GR, CCL, ProMac, iQ, Temperature
Connections	Top: GOI box Bottom: GOI pin
Acquisition Mode	SRO w/ TCU Mem w/ MLT

Electrical Specification

Current	82 mA @ 130V
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Version Control: 2021.11.17

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.