

RADII® CEMENT BOND TOOL - HD - 2 3/4 IN.



SKU: 050-RB275-1000
Categories: [Cased Hole Wireline](#), [Cement Evaluation](#), [HD Platform™](#), [RADii](#), [Well Integrity](#)

PRODUCT DESCRIPTION

The medium diameter RADii® HD Segmented Cement Bond Tool uses a single ceramic transmitter, an eight 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	2.75 in (69.85 mm)
Length	8.73 ft (2.66 m)
Weight	93 lb (42.18 kg)
Min Csg/Tbg OD	4.5 in (115.0 mm)
Max Csg/Tbg OD	11.6 in (295.0 mm)
Tensile Strength	Tension: 50,000 lb Compression: 35,000 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 20 kHz, 50 msec intervals
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Sensor Type	Omni Receiver: One 20 kHz piezoelectric
Connections	Radial Receiver: One 8 segment 20 kHz piezoelectric
Combinability	Top: GOI box Bottom: GOI pin
Acquisition Mode	GR, CCL, ProMac, iQ, Temperature
	SRO w/ TCU Mem w/ MLT

Electrical Specification

Current	45 mA @ 130V
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Version Control: 2021.11.16

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