

Shooting Casing Collar Locator – AES

Provides accurate positioning of ballistic services

Applications

- Correlation to tubing and casing collars
- Accurate positioning of ballistic services

Features and Benefits

- Compatible with ballistic services
- Enhances log quality by confirming tool movement

Tool Description

The Weatherford shooting casing collar locator (CCL) is used to correlate casing or tubing collars for depth accuracy purposes.

This unpowered CCL features a diode pack at the bottom of the tool to allow continued operation of the tool after firing ballistic services.



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Specifications

Ratings and dimensions

	1-11/16 in.	2-3/4 in.	3-1/8 in.
Outer diameter	1.69 in. (42.93 mm)	2.75 in. (69.85 mm)	3.125 in. (76.20 mm)
Length	14.25 in. (361.95 mm)	18.50 in. (469.90 mm)	19.00 in. (482.60 mm)
Weight	7.5 lb (3.42 kg)	26.0 lb (11.8 kg)	34.0 lb (15.42 kg)
Maximum temperature	500°F (260°C)	500°F (260°C)	500°F (260°C)
Maximum pressure	21,000 psi (138 MPa)	21,000 psi (138 MPa)	21,000 psi (138 MPa)

Borehole conditions

	1-11/16 in.	2-3/4 in.	3-1/8 in.
Borehole fluids	Salt, fresh, oil		

Hardware characteristics

	1-11/16 in.	2-3/4 in.	3-1/8 in.
Connection	T 1 3/16 12P GO Box B 1 3/16 12P GO Box	T 1 3/16 12P GO Box B 1 5/8 6P ACME	T 1 3/16 12P GO Box B 1 5/8 6P ACME
Connections	Top: 1 3/16 in. 12P GO Box Bottom: 1 3/16 in. 12P GO Box		

Electrical specifications

	1-11/16 in.	2-3/4 in.	3-1/8 in.
Coil Resistance	2500 Ω	2300 Ω	2500 Ω
Diode	Quad		

Measurements

	1-11/16 in.	2-3/4 in.	3-1/4 in.
Data transmission	Analog, line wobble, mV		

