

SEISMIC-S



DESCRIPTION

SEISMIC-S detonators are specially designed to provide the precise control that is necessary to achieve accurate seismic records from pattern shooting. The reaction time shorter than 1 ms between application of current (min 5 A) and firing of the detonator. In addition to their overall dependability, the detonators are easy to handle and possess excellent storage characteristics. A high level of protection from electrostatic discharge and water pressure is provided.

BENEFITS

- 720 mg PETN base charge far exceeds the standard # 8 strength detonator.
- 7.3 - millimeter diameter copper shell resists corrosive environments such as salt and brackish waters.
- Protective PVC sealing plug with spark gap designed for greater safety.
- No fire current of 0.45 Amperes provides additional protection from stray electric currents.
- 100% rubber sealing plug providing water tightness over extended sleep time.
- There is a minimal lag time between bridge-wire rupture and firing of the detonator.

PROPERTIES - SEISMIC-S Firing Parameters

	Single Detonator	Single Series
All-Fire Current (DC Amps/4 ms)	5	6
All-Fire Impulse (mJ/Ω)	16	18
No-Fire Current (DC Amps)	0,45	0,45
No-Fire Impulse (mJ/Ω)	8	8

PACKAGING

Length (m)	Case Weight (Kg)			Case Count			Wire Configuration
	Cu 0,5	Cu 0,6	Cu 0,8	Cu 0,5	Cu 0,6	Cu 0,8	
2	15	17	-	500	500	500	Fold
3	18	21	-	500	500	500	Fold
4	18	20	-	400	350	350	Fold
6	15	17	-	250	250	250	Fold
9	13	15	-	150	150	150	Fold
12	16/8	19/10	-/12	150/60	150/60	-/60	Fold/Spoiled
15	13/10	16/11	-/14	100/60	100/60	-/60	Fold/Spoiled
20	13/12	16/14	-/18	75/60	75/60	-/60	Fold/Spoiled
25	13/14	15/16	-/19	60/60	60/60	-/60	Fold/Spoiled
30	15/16	18/19	-/24	60/60	60/60	-/60	Fold/Spoiled

PROPERTIES - SEISMIC-S Detonators Resistances (Ω)

Length (mm)	2	3	4	6	9	12	15	20	25	30	40
Cu 0,5	0,9	1,1	1,3	1,7	2,2	2,8	3,3	4,3	5,2	6,1	8,0
Cu 0,6	0,8	0,9	1,2	1,3	1,7	2,1	2,5	3,1	3,8	4,4	5,7
Cu 0,8	0,7	0,8	0,8	1,0	1,2	1,4	1,6	2,0	2,4	2,7	3,4

BENEFITS

- Resistant to temperature extremes from -30 to +60°C.
- SEISMIC-S will reliably initiate all detonator sensitive seismic explosives.

UN CLASSIFICATION

Shipping Name: Detonators, Electric for Blasting
 Class & Division: 1.4B, 1.4S
 UN Number: 0255, 0456

STORAGE

Store in accordance with all applicable local, state, provincial and federal laws in temperatures between -30 and +40 °C.

SHELF LIFE

For optimum accuracy use within 2 years from date of manufacture under good storage conditions.

Import / Export Office

Mob : +90 266 245 37 96

+90 266 245 37 76

Fax : +90 266 266 13 02

Website: www.yavasclar-africa.com

Email: info@yavasclar-africa.com