



3-D★Star

AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

*Electric Seismic Detonator for the
Geophysical Industry*

DESCRIPTION

The 3-D★Star detonator is specifically designed for the harsh conditions encountered in the modern 3-D patterns being used in the industry today. The aluminum shell ensures protection from the harsh seismic environment for extended periods of time. 3-D★Star electric detonators will initiate all detonator sensitive seismic explosives.

BENEFITS

- 750 mg PETN base charge far exceeds the standard #8 strength detonator.
- Aluminum shell seismic detonator.
- Consistent break time when firing with 3-10 amperes DC current.
- No fire current of 0.45 amperes for extra protection from electrostatic discharge.
- 100% rubber sealing plug for extended sleep time.
- Resistant to temperature extremes from -40° C to 60° C.
- 0.8 mm high abrasion resistant, red PE insulated wire.
- Protected primary explosive charge.



3-D★Star

Properties & Packaging

Length [m]	Ohms Resistance [Ω]	Case Count	Case Weight [kg]
3	0.80	200	12
7	1.06	160	18
10	1.27	120	18
13	1.47	80	16
16	1.68	80	19
19	1.88	80	21
22	2.09	64	20
25	2.29	40	16
30	2.64	40	18
35	2.95	40	20

Electrical Data	
No Fire Current	0.45 amps
All Fire Current	2.00 amps
Series Ignition Current	6.00 amps
No Fire Impulse	8 mJ/ohms
All Fire Impulse	16 mJ/ohms
Electrostatic Sensitivity	
Double Wire to Shell	20 kV/500 pF/100 mJ
Pin to Pin	10kV/500 pF/25mJ



For more information and service locations in your area, please contact Austin Powder Company's headquarters:

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STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE

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

UN CLASSIFICATION

Shipping Name: Detonators, Electric
Class & Division: 1.4B
ID Number: UN 0255

DOT REFERENCE NUMBER

EX-0103067

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