



# DAYADET

## DELAY ELECTRIC DETONATOR

The Strong,  
Accurate Delay and  
User Friendly Detonator



Explosives Services for  
General Mining  
Quarry and Construction  
Oil and Gas

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# "Serving Your Company Better"



Dayadet™ in copper shell have wide range of applications, for example :

- Open cut production blasting
- Underground production blasting (where present no fire damp or coal dust)
- Quarry blasting
- General purpose applications

With a more powerful base charge and heavier copper alloy shell, Dayadet™ detonators provide greater assurance on initiating severe conditions. In addition to their overall dependability, they are easy to handle and process excellent storage characteristic. They are well protected against water pressure.

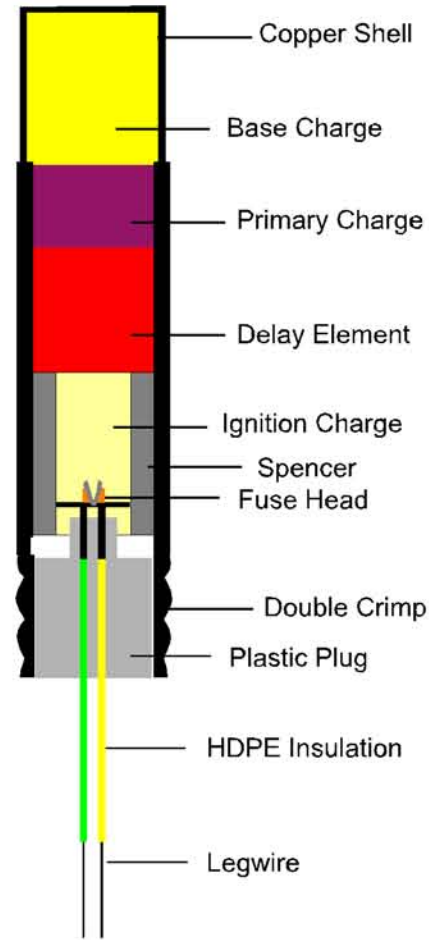
### CONSTRUCTION AND FEATURES

- Legwires are insulated with High Density Poly Ethylen
- Bridgewire is embedded in fusehead to provide electrically and mechanically superior contact.
- Fusehead is positioned to reliably initiate ignition charge.
- Spencer give added support to bridge wire and holds fusehead in proper position.
- Plastic Plug is double crimped to form waterproof seal and to hold all components in there proper position.

### ADVANTAGES

- Excellent Water Resistance
- High Accuracy Delays assure better breakage and fragmentation with less vibration.
- Save Time And money
- Quality product under control and good ready stock.
- Safety
- Product with no heavy metal used

Shell	Copper
Legwire Resistance	0.15 + 0.02 ohm/meter
No Fire Current	0.25 Amps for 30 seconds
Primary Charge	Diazodinitrophenol (DDNP)
Base Charge	Penta Erythritol Tetra Nitrate (PETN)
Water Resistance	5 kg/cm <sup>2</sup> for 5 hours



### PACKAGING

Each case contains Delay Detonator of the same number. 10 detonators are held in bunch and every such bunch are inserted into small box which is the quantity depend on the length of legwire, with the specification in the list below quantity:

Legwire Length (m)	No. Of Detonator per small box	Detonator per Case
1.8	40	640
3	30	480
4.5	20	320
6	20	320
9	15	240

- The cases should be stacked in the manner on the cases by "This side up"
- The cases dimensions are L588 x W 218 x H251 mm

### STORAGE AND HANDLING

Take care in **handling** prohibit to be impacted and frictionized, keep away from fire and heat source, prevent moisture. The resistance should be tested in protector before using and the testing current is less than 0.03 A.

Dayadet Electric Detonator must be **stored** in magazine suitably licensed for class 1.1B. The storage place should be well built, well ventilated clear, dry, fire resistant and securely locked when not in use. Detonator should never be stored in the same magazine with other explosives. The cases should be stacked in the manner on the cases by "This side up".

### PROPERTIES PRODUCT RANGE

Dahana manufactures Detonator two categories: Millisecond Delay (MSD) and Half Second Delay (HSD). The standard delay range is as follows :

Name of Product	Initiating Power	Tube Material	Legwire Length	Delay Number	Period and Delay Time
Instantaneous Electric Detonator	No. 8	Copper Alloy	The length of the legwire can be determined according to users's requirement	0	10 ms
				1-4	25 to 100 ms with 25 ms interval
Millisecond Delay				5-8	150 to 300 ms with 50 ms interval
				9-20	400 to 1500 ms with 100 ms interval



### DISCLAIMER

All information contained in this Data Sheet is as accurate and as up to date as possible. Since DAHANA cannot anticipate or control the conditions under which this information and its products may be used. each user should review the information in the specific context of the intended application. DAHANA will not be responsible for damage of any nature resulting from the use of or reliance upon the information. No expressed or implied warranties are given other than those implied mandatorily by Government.