

Solar **DET**

NON ELECTRIC SHORT PERIOD DETONATOR



Description & Application

SOLAR DET Short Period Detonator assemblies provide short delay, non-electric initiation of underground blast patterns. Used in conjunction with detonating cord trunk lines, SOLAR DET Short Period Detonator in 20 delay periods, provide flexibility in blast design and ease of use. These can be used in surface or underground mines, at quarries or at construction projects.

Advantages

Reliably initiates all detonator sensitive explosives; does not cause desensitisation of explosives column.

- Stands up to tough conditions.
- Provide flexible blast control.
- Allows easy connection.
- Does not entangle.
- Rugged with abrasion resistance tubing.
- Accurately timed in 20 delay periods.
- Quick and simple to connect.
- Highly visible.
- Environment friendly.
- Quick and simple to connect.
- Brightly coloured components.

Technical Properties

PRODUCT	SOLAR DET Short Period Detonator (SDS)				
MOC of shell	Aluminium				
Detonator strength	No. 8 / No.8*				
Delay Timing, ms#	25	50	75	100	125
	150	175	200	225	250
	300	350	400	450	500
	600	700	800	900	1000
Length of the shock tube	As per customers requirement				
VOD, (mtr/second)	2000 ± 200				
Tensile strength	30 kgf (min)				
Identification mark	Delay timing and length stickers tagged with each shock tube				
Water Resistance	Excellent				
Packing	Depending on length, No.of Detontors are packed in anti-static Poly bags and kept in approved fibre board boxes. A barcode sticker having details such as shock tube length, type and delay Numbers/Time is pasted on the boxes.				

Specific delay period also available on request.

- These specifications can be changed without any notice / intimation to buyer.



Safety Quality Reliability

Technical Data Sheet

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Initiation & Handling

Avoid damage to the shock tube. Do not use shock tube as a lowering line for anything other than loading primer explosives. Never pull so hard to stretch or break shock tube a premature detonation may result.

Packing

SOLAR DET Short Period Detonator assemblies are wound in regular coils and packed in anti static poly bags. These are packed in Fibre Board Boxes.

Length (in Mtrs)	No. Per Polybag	Qty. Per Box
3.5	10	280
5.0	10	220
6.0	10	180
9	10	140
12	5	110
15	5	90
18	5	70
24	5	50

- Specific lengths and Delay Timings can be made available on request.
- Quantities in Poly bag may vary as per customer requirements

Storage

For the best results, store under moderate temperatures and dry conditions in a well ventilated, approved detonator magazine.

Shelf Life

If stored in cool, dry, well ventilated magazine and handled properly, the maximum shelf life of SOLAR DET Short Period Detonator is 2 years from the date of manufacture.

Shipping Information :

Authorised Name : SOLAR DET
 Shipping Name : DETONATOR ASSEMBLIES,
 NON - ELECTRIC for blasting
 UN No. : 0360
 Class / Div : 1.1B

Disclaimer

Use of these products by anyone who lacks adequate training, experience & supervision may kill or injure. It is expressly understood that any technical advice furnished by SILL with reference to the use of its Products is given gratis & SILL assumes no obligation or liability for the advice given or results obtained, & all such advice being given is accepted at Customer's risk.

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