



MS™ Connector

MS* Connector nonelectric, bi-directional, short delay connector assemblies provide out of hole delays in detonating cord trunk lines. Used in quarries, surface coal operations, open pit and underground mines and construction projects, **MS** Connector assemblies are easy to connect, easy to verify and provide accurate surface timing.

Features

MS Connectors are:

- Bi-directional (work in both directions) trunk line delays;
- Accurately timed in 13 delays;
- Quick and simple to connect in all conditions;
- Highly visible;
- Easy to handle.

Benefits

MS Connector assemblies:

- Work with all conventional detonating cord trunk line systems;
- Provide excellent blast control;
- Allow easy connection, even with gloves;
- Facilitate rapid hook-up verification;
- Allow pre-blast modification to blast design;
- No waste



ALWAYS
lock up explosive
materials and
keep them
from children

MS Connector

Nonelectric, Bi-directional Short Delay Connector Assembly

Properties

Connector block	Colour coded by surface delay time; delay times molded into the plastic.
Exel* shock tube	Red, heavy duty.
Delay Times	
milliseconds	Connector block colour
9	light blue
17	red
25	blue
35	white
42	lime green
50	yellow
65	gray
75	orange
100	green
125	buff
150	light blue
230	violet
340	black

Packaging

MS Connectors are bulk packed in fiberboard cases of 100 units.

Storage

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

Hazardous Materials Shipping Description

Detonator Assemblies, Nonelectric, Class and Division 1.1B, UN 0360, PG II

EX # 9005149

Handling and Initiation

Avoid damage to the shock tube.
Never pull so hard as to stretch or break shock tubing.
A premature detonation may result.

MS Connector assemblies are bi-directional. They can be initiated with:

- **Cordtex*** 18, **B-Line*** or any other higher strength detonating cord;

To avoid possible misfires, trim excess lengths of detonating cord after making connections.

Note: The surface connector block of the MS Connector assembly contains an explosive device that can be initiated by heat, impact or friction. The MS Connector is not designed to initiate shock tube.

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