

PRODUCT DATA SHEET**ShockStar Surface Connectors**

ShockStar Surface Connectors include Quick-Relay Connectors and Surface Delay Connectors.

ShockStar Quick-Relay Connectors are especially designed for the initiation of other shock tube detonators as a delay between holes or decks within a hole. Quick-Relay Connectors are equipped with connector blocks able to contain 8 outgoing shock tubes yet have a lowered base charge to reduce noise levels and eliminate shrapnel cut-off concerns. These detonators are available in 9 delays from instantaneous (0 ms) to 200 ms. (Quick-Relay Connectors should never be used to attempt initiation of detonating cord)

ShockStar Surface Delay Connectors are powerful, versatile detonators designed for compatibility with both shock tube and detonating cord initiation systems. Connector blocks are able to hold up to 8 outgoing shock tubes or fire up to heavy-duty detonating cords. These detonators are available in 8 delays from instantaneous (0 ms) to 200 ms.

- ✓ Have connector blocks color-coded to the delay time of the detonator.
- ✓ Delay time quality controls to ensure greater than 99% probability of in-sequence initiation.
- ✓ Equipped with a tear-proof color-coded delay tag that lists delay time and length of the detonator as well as being color coded to match the connector block.
- ✓ Manufactured with red shock tubing for easy differentiation from down-hole detonators when visually inspecting a connected blast pattern.





STANDARD SEQUENCES AND PACKAGING

ShockStar Quick-Relay Connectors										
Length		0	9	17	25	33	42	67	100	200
[ft]	[m]	ms	ms	ms	ms	ms	ms	ms	ms	ms
4	1.2		X							
12	3.7			X	X		X			
20	6.1			X	X	X	X			
30	9.2			X	X		X			X
40	12.2		X	X	X		X	X	X	
60	18.3				X		X			

ShockStar Quick-Relay Connectors										
Length		0	9	17	25	42	67	100	200	"X" Indicates Standard Product
[ft]	[m]	ms	ms	ms	ms	ms	ms	ms	ms	
4	1.2		X							
12	3.7			X	X	X				
20	6.1			X	X	X		X		
30	9.2			X	X	X		X		
50	15.3		X							

ShockStar Packaging									
Length	[ft]	12	16	20	24	30	40	50	60
	[m]	3.7	4.7	6.0	7.3	9.1	12.2	15.3	18.3
Case Count		100	100	100		80	60	40	40

TRANSPORTATION AND STORAGE

ShockStar Surface Connectors are classified as Packing Group 2. The description is Detonator Assemblies, Non-Electric, UN0361, Class and Division 1.4B. Transportation, storage and handling must be in accordance with all federal, state, provincial and local regulations.

ORDERING



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