

MPLC[®] Tactical Line Charge

PRODUCT TECHNICAL DATA SHEET

DESCRIPTION:

The MPLC[®] Tactical Line Charge is a lightweight, man portable, rocket launched explosive system. The MPLC[®] provides tactical units with the ability to conduct clearing operations in urban and complex environments from a covered or concealed position. The MPLC[®] Tactical Line Charge system is self-contained in a lightweight backpack designed for carry and quick deployment by one soldier. Once the system is in firing position, a shock tube device, the SKIN-PACK[®] Detonator Assembly, will initiate the rocket and detonate the line charge.

KEY FEATURES:

- Rapid deployment
- Improves Information Operations (IO)
- Improves Freedom of Movement (FoM) for civilians and coalition forces
- Allows for soldier mobility
- Low system weight (<30 lbs.)
- No ferrous contamination in the cleared path
- Easy to train MPLC[®] deployment



APPLICATION:

- Neutralizes, exposes or disables triggers

PROPERTIES:

- Explosive line charge
- Rocket motor deployed
- Initiated with the SKIN-PACK[®] Detonator Assembly firing device



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SPECIFICATIONS:

OVERALL PACKAGED WEIGHT (NOMINAL)		SYSTEM EXPLOSIVE WEIGHT (NOMINAL)		SHOCK TUBE LENGTH (NOMINAL)		CLEARED PATH LENGTH (NOMINAL)	
lb	kg	lb	kg	ft	m	ft	m
28	13	14	6	100	30	82	25

OPERATION:

The MPLC[®] Tactical Line Charge provides troops conducting dismounted operations the capability to counter trip-wire and mined antipersonnel obstacles that restrict tactical movement to selected targets. The MPLC[®] Tactical Line Charge is designed to assist in the clearing of a narrow footpath to a target by exposing, disrupting or neutralizing trigger mechanisms, while minimizing collateral effects on non-combatant personnel, structures and property.



ENSIGN-BICKFORD AEROSPACE & DEFENSE COMPANY
640 HOPMEADOW STREET, P.O. BOX 429, SIMSBURY, CT 06070, USA www.EBA-D.com

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This product and its components are protected under U.S. Patent Numbers 7,650,993 / 7,490,554 / 5,522,318 and 5,631,440.

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