**PYROTECHNIC CABLE CUTTERS**

Utilizing gas generators and precision engineered components, our range of electrically initiated cable cutters are designed to be compact and exceptionally reliable. Capable of cutting braided steel wire, armored electrical cabling, including Kevlar, aramid and glass fiber cords. Made from stainless steel, the cutters are suitable for use in almost every environment. They are corrosion resistant and hermetically sealed so can be used underwater and have been tested to depths of 30m underwater.

**APPLICABLE SPECIFICATIONS**

Operating Temperature: -54 °C TO +71 °C (-65.2 °F to 159.8 °F)
Function Time: With the application of All-Fire current, the cutter will completely sever the target in <20 milliseconds
Reliability: 99% to 95% confidence level
Altitude: 10,000 feet underwater to Deep Space
Estimated Weight: 27 to 173 grams
Target Materials: Cables ranging from 1/6 to 1.0 inch diameter

**ELECTRICAL SPECIFICATIONS**

Bridgewire Resistance 0.9 to 1.30 ohms
Insulation Resistance 100 megohms 500 VDC
No Fire 1 amp/ 1 Watt for 5 Minutes
Recommended All Fire 4.0 Amps for 50 millisecond duration
ESD 25KV Electrostatic discharge: 25 kV DC from 500 pF Cap thru a 5k ohm resistor – shorted pins to case and pin-to-pin
Electrical connections can be lead wire, bayonet or threaded connectors