

**PRODUCT FAMILY**

**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

ENVELOPE & DIMENSIONS

