

**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. Our cutters can be designed to use 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
Reliability:	will completely sever the target in <20 milliseconds
Altitude:	99% to 95% confidence level
Estimated Weight:	10,000 feet underwater to Deep Space
Target Materials:	27 to 173 grams
	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

