



RJ-333



Petro-Explo, Inc.

M2 Seismic Electric Detonator

Detonator Specifications

Nominal Base Charge.....	700 mg - PETN
Initiating Charge.....	300 mg - Lead Azide
Shell.....	Aluminum
Diameter.....	7.4 mm
Length.....	95 mm max.
Plug.....	PVC
Electrical Conductors.....	Wire CU AWG 24, PVC
Wire Color.....	Green/Yellow
Standard Kirked Wire Length.....	2.5 3.0 3.5 4.5 5.0 6.5 meters
Standard Spooled Wire Length.....	9.0 10.5 15.0 18.0 25.0 meters

Firing Specifications

Delay Time.....	280 VDC x 100 uF < 1ms
100% Firing Energy.....	12 mJ/ Ω
Resistance.....	47 kohms +/- 5%
Hydrostatic Resistance.....	2 atm / 2 hours
Minimum Fire Voltage.....	280 VDC x 100 uF Capacitor
Insensitive To.....	6, 9, 12, 24, 36 VDC Batteries and 127 VAC Power
Insensitive Stray Current Up To.....	160 VDC
1 - More resistance to RF energy than Electric Seismic	
2 - At 27, 54, 152, 440, 900 Mhz and 1.2 Ghz no detonations at 360 volts per meter horizontal or vertical antenna.	

Transportation Information

Classification.....	UN0030, Detonators, electric, 1.1B
Manufacturer code.....	RJ-333
Packing Dimension (mm).....	325 x 181 x 127
Volume.....	7.47 dm
Pieces per package.....	100
Gross Weight (kg).....	3.51 kg
Net Weight (mg).....	0.034 mg
Net Explosive Mass.....	0.108 kg/box (0.00108 kg/unit)

