

DKM502/90

UNDERWATER ACOUSTIC BEACON

Operating Frequency:	37.5 kHz \pm 1 kHz
Operating Depth:	Surface to 20,000 feet (6096 meters)
Pulse Length:	9 milliseconds minimum
Pulse Repetition Rate:	0.9 pulse/second minimum
Useful Life:	3 years
Operating Life:	90 days (minimum)
Acoustic Output, Initial:	1060 dynes/cm ² rms pressure at 1 meter (160.5dB)
Acoustic Output, After 30 Days:	700 dynes/cm ² rms pressure at 1 meter (157.0 dB)
Operating Temperature:	+28°F to +100°F (-2.2°C to +37.8°C)
Actuation:	Fresh or salt water
Radiation Pattern:	Rated output over 80 percent of sphere
Size:	1.30" diameter x 3.985" long (3.30 cm diameter 10.12 cm long)
Weight:	Less than 6.7 oz (190 grams) (including battery)
Material:	7075-T6 Aluminum, black anodized finish per MIL-A-8625
Power Source:	Lithium Battery, single cell. Factory or user replaceable.
Storage Temperature:	-67°F to +185°F (-55°C to +85°C)
Standard Compliance	SAE AS8045A, IEC61996-1, IEC-61996-2