



ATM89R

ATM89R SPECIFICATIONS

ELEMENT	Fixed-charge back plate permanently polarized condenser
POLAR PATTERN	Hypercardioid
FREQUENCY RESPONSE	70-20,000 Hz
OPEN CIRCUIT SENSITIVITY	- 42 dB (7.9 mV) re 1V at 1 Pa*
IMPEDANCE	100 ohms
MAXIMUM INPUT SOUND LEVEL	138 dB SPL, 1 kHz at 1% T.H.D.
SIGNAL TO NOISE RATIO	67 dB, 1 kHz at 1 Pa*
DYNAMIC RANGE (TYPICAL)	111 dB, 1 kHz at Max SPL
PHANTOM POWER REQUIREMENTS	48V DC, 3.2 mA typical
WEIGHT (LESS ACCESSORIES)	290 grams
DIMENSIONS	168.0 mm long, 50.0 mm head diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	AT8406 stand clamp for 5/8"-27 threaded stands; soft protective pouch
OPTIONAL INTERCHANGEABLE ELEMENTS	AT853C-ELE cardioid (120°) AT8530-ELE omnidirectional (360°) AT853SC-ELE subcardioid (170°)

* 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

