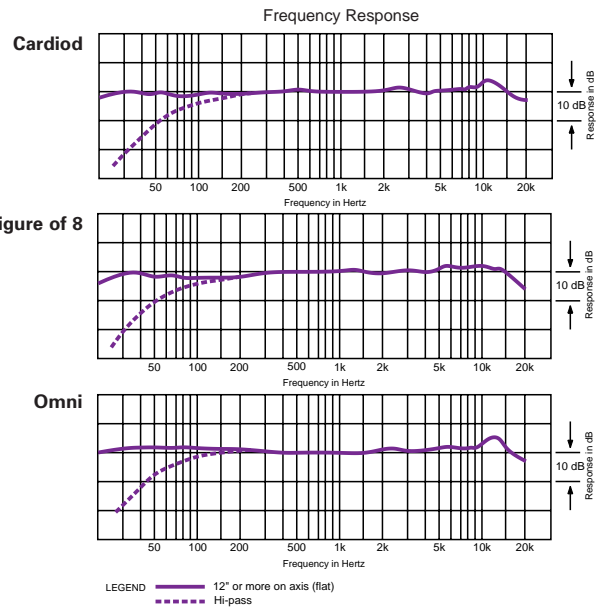




## AT4050



### AT4050 SPECIFICATIONS

ELEMENTS (TWO)	Externally polarized (DC bias) capacitor
POLAR PATTERNS	Cardioid (Unidirectional), Omnidirectional, Figure-of-eight
FREQUENCY RESPONSE	20-20,000 Hz
OPEN CIRCUIT SENSITIVITY (1 kHz)	- 36 dB (15.8 mV) ± 2 dB, re 1V at 1 Pa*
IMPEDANCE	100 ohms
MAXIMUM INPUT SOUND LEVEL	149 dB SPL, 1 kHz at 1% T.H.D. 159 dB SPL, with 10 dB pad (nominal)
NOISE, TYPICAL (A-WEIGHTED)	17 dB SPL
DYNAMIC RANGE, TYPICAL	132 dB, 1 kHz at Max SPL
SIGNAL TO NOISE RATIO, TYPICAL	77 dB, 1 kHz at 1 Pa*
HI-PASS FILTER (LOW-END ROLL-OFF)	80 Hz, 12 dB/octave
POWER REQUIREMENTS	48V DC phantom (±4V)
CURRENT CONSUMPTION, TYPICAL	3.2 mA
WEIGHT (LESS CABLE AND CLAMP)	480 grams
DIMENSIONS	188.0 mm long 53.4 mm maximum body diameter
ACCESSORIES FURNISHED	AT8441 shock mount for standard <sup>5</sup> / <sub>8</sub> " -27 threaded stands; protective carrying case

\* 1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL

