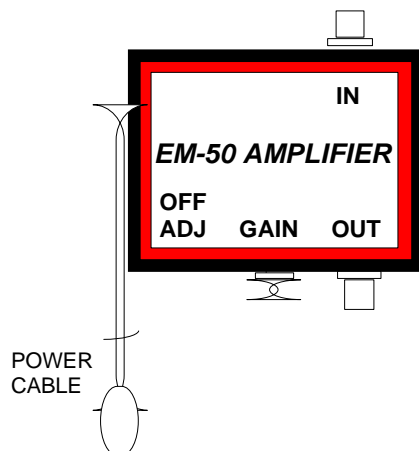


# EM-SERIES AMPLIFIERS



## EM-50 AMPLIFIER SPECIFICATIONS

VOLTAGE GAIN ..... 300 V/V HI  
30 V/V LO  
BANDWIDTH ..... DC - 100kHz nom  
INPUT NOISE VOLTAGE ..... 0.8 nV/Hz<sup>1/2</sup>  
INPUT NOISE CURRENT ..... 1.5 pA/Hz<sup>1/2</sup>

OFFSET ADJUSTMENT: SCREW POTENTIOMETER  
CLOCKWISE ROTATION ADJUSTS NEGATIVE.

GAIN SELECT: SWITCH (x10), HI = UP; LO = DOWN

POWER REQUIREMENT: +,- 5VDC TO 15VDC, 50mA

CONNECTION: BNC IN; BNC OUT  
SHIELDED POWER CABLE