



MICROPHONE CABLES

WHAT IS IMPEDANCE?

Impedance is the AC (alternate current) version of the DC (direct current) term resistance, which is the opposition to electron current flow in a circuit and is expressed in ohms (Ω). Impedance (often abbreviated as “Z”) includes capacitive reactance and inductive reactance in addition to simple DC resistance. Reactance depends upon the frequency of the signal flowing in the circuit. Capacitive reactance increases as frequency decreases: inductive reactance increases as frequency increases. Because of this frequency dependence, impedance is not directly measurable with a multimeter as DC resistance is.