



Radiation Safety Products

**MODEL 8858
HUMAN EQUIVALENT
ANTENNA**

- 50 Hz to 110 MHz
- Easy to Carry and Store
- Lightweight
- Uniform, Repeatable Induced Current Measurements
- Safe Induced Current Measurements

DESCRIPTION

The Model 8858 Human Equivalent Antenna closely simulates an average human being from 50 Hz to 110 MHz. It is specifically designed to be used with the Model 8850 Induced Current Meter or the Model 8854B Induced Current Monitor. The 8858 makes induced current measurements both safe and repeatable. In use, Model 8858 takes the place of a human subject when placed on the 8850 or the 8854B. Consequently, a measurement can be made without subjecting anyone to potentially hazardous currents. Equally important, the results are very repeatable. The amount of induced current varies considerably with the size and physique of the person. The current levels also vary with the position of body parts. Raising one's arms, for example, induces more current into the body.

The antenna elements are supported inside high strength fiberglass tubing. The antenna comes in three sections which are easily put together for use. The base of the antenna uses a simple tripod for support. The entire antenna stores in an easy-to-carry, soft nylon case.

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency	50 Hz to 110 MHz
Size (approx.)	71" x 4" dia. 180 cm x 10 cm dia.
Weight (approx.)	9 lb. (4 kg)
Temperature	-40°C to +75°C
Humidity	0% to 95%, non-condensing
Accessories Supplied	Carrying Case ^a

^aThe carrying case is heavy duty nylon.