**HyperSpike TCPA-10 Loudspeaker**

Architect & Engineering Specifications Voice paging and tone signaling loudspeaker shall be Ultra Electronics Model \_\_\_\_\_ (see Model numbers above). Unit shall be UL1480-F Listed and Class I Division 2 certified, weather resistant and constructed of rugged 5VA rated, UV resistant ABS plastic. The loudspeaker shall be able to operate within any ambient temperature environment ranging from -40°C to 60°C. The speaker shall have a sensitivity of 112dB when measured at 1m (AVG 400-4,000Hz) and a beamwidth of 90° (-6dB at 1kHz). Model shall be a non-re-entrant compression loaded transducer with a 3” polymide diaphragm and power handling of 45W continuous. The coil shall be a nominal 8 ohm impedance and ferro-fluid shall surround the coil to optimize heat dissipation. When applicable, transformer power settings shall be selectable and include 100V: 45W, 32W, 24W, 16W, 8W; 70V: 24W, 16W, 12W, 8W, 4W; 25V: 3W, 2W, 1.5W, 1W, 0.5W. Speaker shall contain in-line capacitor to allow DC supervision of wiring and be supplied with three feet of conduit with flying leads. Frequency response shall be 375Hz – 15kHz. Dimensions shall be 10.1”H x 10.1”W x 11.3”D.