

Technical Service Bulletin

COMPLIANCE: ADVISORY

SUBJECT: LOWER ION OUTPUT DUE TO COILED HIGH VOLTAGE CABLES

AFFECTED UNITS: GPS-iMOD™

DESCRIPTION: The coiling or bundling of high voltage (HV) cables can cause arcing and decreased ion output from the iMod. Installations where the cable(s) are touching in multiple locations will experience reduced output and lifespan.

ACTIONS REQUIRED: Do NOT coil, bunch, or loop the cable up so that it comes in contact with itself. To reduce slack in the cable, create long sweeping "S" shapes, like switchbacks in a road. High voltage cable should be routed with soft bends only such as creating long sweeping "S" shapes. Minimum bend radius is 3". Maximum bend angle is 70 degrees (See Below). Secure the cable(s) so they will not interfere with or be damaged by equipment or personnel.

Do not cut or alter high voltage cables. Cables 15ft long can be ordered if additional length is required.

When securing high voltage cable to a conductive surface, stand-offs shall be used every 18" to prevent high voltage cables from contacting surface. (See Below)



Supplied stand-off - Typical

