

PRODUCT DATA SHEET

The Lowdown

FlexPlane Groundplane

Model PRO10 & PRO25

FlexPlane is a prebuilt groundplane composed of insulated, bonded copper radial wires. Each radial extends outward in every direction, creating a circular pattern. This horizontal, circular arrangement is the Most efficient means of antenna grounding for producing the most signal range, watt for watt. Ready for deployment, it may be used on the surface or buried.



SPECIFICATIONS

Component	Detail
Radial Elements	32.
Element Lengths	10' or 25'.
Standard Flexibility PRO	Radial Wires: 14 AWG, stranded copper (19 - 27AWG strands per wire), insulated (black).
	Typical Environment: Buried, surrounding a pole-mounted antenna; affixed to flat roof with installation kit.
Pigtail	4 AWG; high flexibility stranded copper, (374 – 30 AWG strands), 5-ft. length, insulated (black) with bare, soldered termination.
Weight	6 to 13 lbs.

WARRANTY

Warranty – Information Station Specialists (doing business as The Radio Source) provides a one-year, limited warranty on new products against defects in materials and workmanship under normal use. We also provide repair and replacement and, best of all, remote technical support for the life of the product. [See our promise.](#)

USE INSTRUCTIONS

The FlexPlane serves as a groundplane or counterpoise for a vertical antenna. Connect the FlexPlane's lead line to your transmitter/transceiver ground. Install it horizontally, centered directly beneath the antenna. It may be suspended above the ground, laid on the surface or buried. For long-term operation, a ground rod should be driven in conjunction with the FlexPlane in order to provide a route to ground, protecting the connected transmitter/transceiver from lightning damage.

Fan the FlexPlane's radial elements in all directions evenly into the space around the antenna. Do not be concerned if some radial wires may cross. If there is a restriction in distance in certain directions, bend the wires laterally as needed to best navigate around the obstruction and fill the area.

If the FlexPlane is un-buried, you may place nonconductive items on top of the radials to prevent wind from moving them. The wires may also be tethered to such items to keep the wires in place, as needed.

In portable applications the FlexPlane can be easily tugged from its lead line and will collapse for simple roll-up and pack-up.