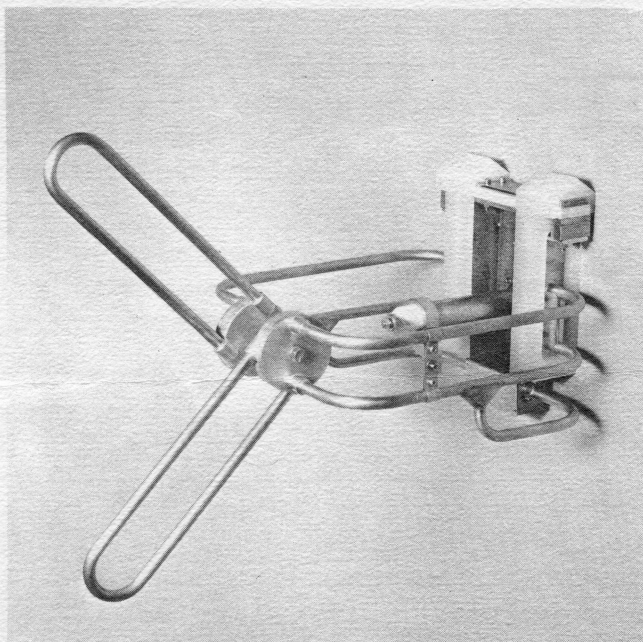


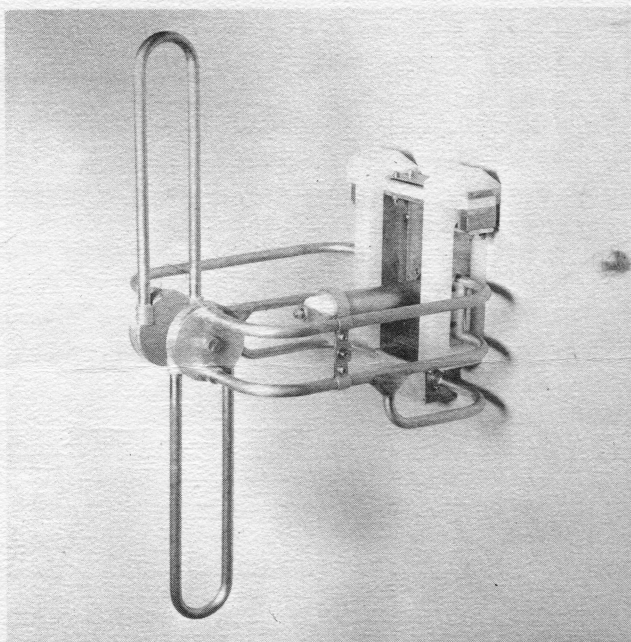
The Shively Circularly Polarized FM Antenna

ADJUSTABLE RATIO

LIGHT WINDLOAD



1-2 RATIO



1-1 RATIO

Type 6710

Features

- * True Circular Polarization, not Diagonal
- * Adjustable Amount of Vertical Radiation
- * Wind Loading Comparable to Horizontal Only Antennas
- * Broadband Low Q Impedance Characteristics
- * Grounded Elements for Lightning Protection
- * Built In Adjustable Matching Transformer
- * Provision for Future Power Increase
- * Stainless Steel Construction
- * 5 kw. Conservative Rating per Element
- * Replaceable De-Icers
- * Standard Four Bolt Mounting
- * Teflon End Seal Insulator

Applications

The Shively Circularly Polarized FM antenna offers the FM broadcaster an immediate inexpensive way to obtain the benefits of circular polarization without incurring any penalty of obsolescence. In most instances there is some excess transmitting capacity available which with the Shively antenna can be used for vertical radiation. Then in the future when power increases are sought, the Shively antenna can still be used with a change in the angle of the arms. This is particularly practical because the Shively antenna probably will not increase the present wind loading.



SHIVELY LABORATORIES, INC.

RAYMOND, MAINE 04071

