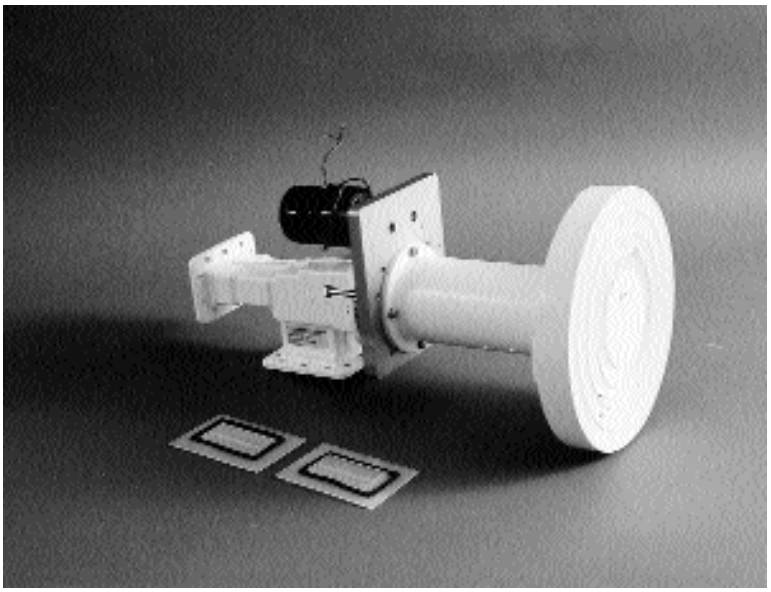
REMOTE SWITCHABLE C-BAND FEED
MODEL NO. ESR-44C Series

SEAVEY ENGINEERING ASSOCIATES, INC.

ANTENNA DESIGN AND DEVELOPMENT

The photo below depicts our C-Band, Receive-only, antenna feed featuring the capability of remotely switching between dual linear and dual circular polarizations. To use the "remote switching" function, the receiver should have the capability of supplying 24 volts to activate the polarization motor. The feed also incorporates an optional five turn, 5kW potentiometer which allows for feedback capability to position the OMT for linear and circular modes of operation.



Specifications - Model ESR-44C/2

Frequency:	3.7 - 4.2 GHz
Polarization:	Remote Dual Circular/Linear
VSWR:	1.7:1
Axial Ratio:	2.5 dB, maximum
Cross Polarization:	27 dB on axis
Isolation:	27 dB
RF Ports:	(2) WR-229F
** Other Models available are:	ESR-44C/1 (4.2 - 4.8 GHz)
	ESR-44C/3 (3.4 - 4.2 GHz

28 Riverside Drive • Pembroke, Massachusetts 02359 U.S.A. • (781) 829-4740 • Fax (617) 829-4590
Email: Info@seaveyantenna.com Web Site: http://www.seaveyantenna.com