

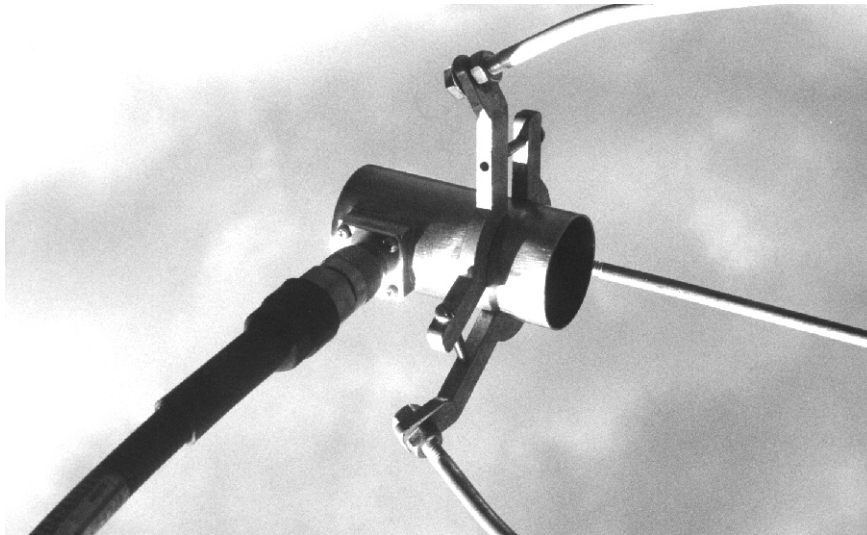


# DIRECTIVE SYSTEMS

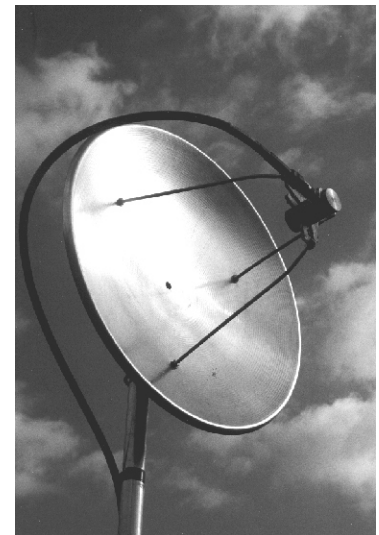
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## 5.7 Ghz DISH FEED, 5.7FEED

Frequency range:	4.90to 6.20 GHz	Gain:	8.2 dbi
Polarization:	Linear V or H	3 dB Beamwidth (E, H plane):	80 degrees
Connector:	Type N UG-58/U	F/B ratio:	20 dB
Weight:	1 pound	Maximum Power:	100 W average
F/D (optimum)	.39-.45		



5.7 Ghz Feed



5.7 Ghz DISH  
assembly

### ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna feed assembly and observe the location of the connector and probe orientation. For horizontal polarization, the probe must be oriented parallel with the horizon. (The connector will stick out laterally on the antenna.)
- 2) Install the feed on your parabolic dish using the proper dimension of the focal point (supplied with the dish) to the feed. Measure this distance from about 1/8 inch inside the open mouth of the feed to the center surface of the dish. For the .6 m .45 F/D DEM dish, about 11.2" is optimum. Note that the feed is installed for horizontal polarization in the upper right picture above. Rotate feed for vertical polarization.
- 3) Attach the feed line, and tape it to the feed support or the support mast. The connector should be sealed with electronic grade RTV or equivalent.
- 4) The dish feed SWR has been adjusted at the factory for less than 1.5:1. No additional adjustments are needed.