

Directive Systems & Engineering

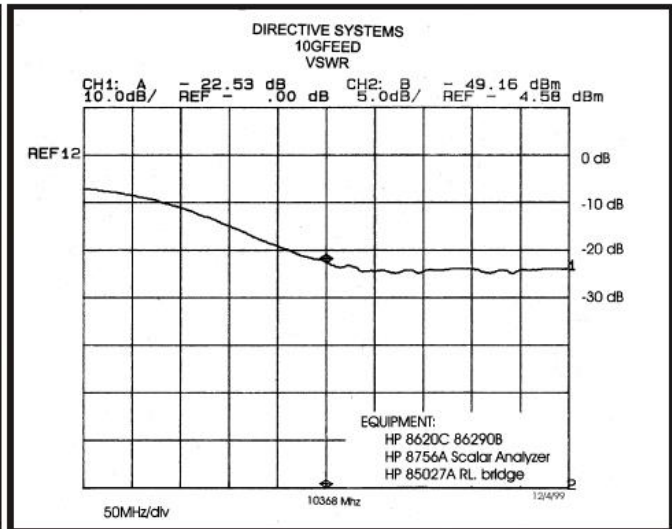
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Haymarket, VA 20169-1628

www.directivesystems.com

703-754-3876

10368 MHz Dish Feed, Model DSE10GFEEED

Frequency range: GHz	10.2-11.0	Return Loss (typical)	-20db
Polarization	Linear V or H	-10 dB Beamwidth	
Connector type.....	SMA (f)	Edge illumination	110°
Weight	1 lb.	-3 dB Beamwidth	
F/D (optimum)	0.45	E, H plane	80°
		Maximum Power	50 W CCS avg.
Measured gain with Directive Systems DSEDH6 .6m dish 33dBi min.			



Note: All hardware is Stainless Steel unless otherwise noted.

BEFORE INSTALLING YOUR NEW ANTENNA, PLEASE BE SURE TO READ THE ENCLOSED WARNING PAMPHLET.

INSTALLATION 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 connectors 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 the lip of the inner (3/4") circular waveguide. The proper distance for the Directive Systems DSEDH6 .6m dish is approximately 10.5" (26.67 cm.) This feed has been optimized for the DH6 parabolic dish.

3) The dish feed SWR has been adjusted at the factory for about 1.2:1. No additional adjustments are needed. Do not try to adjust the tuning screw to improve the VSWR, unless you have adequate return loss equipment. Any adjustments can reduce the gain of the dish/feed combination. Use caution when tuning!

Any measurements at 10 GHz are difficult and can depend on many factors. We recommend adjusting the feed position while measuring field strength. This is a simpler check and can be more meaningful.

Directive Systems Warranty Policy

All Directive Systems antennas are built with the finest materials available. We take great pride in building a quality product that will give years of good service and performance. If there is a defect in materials or workmanship within 90 days of purchase, Directive Systems will repair or replace the defective part, free of charge, to the original purchaser. **DO NOT RETURN ANYTHING WITHOUT PRIOR AUTHORIZATION FROM DIRECTIVE SYSTEMS.** Please contact us either by phone or email describing the problem and we will work to resolve it.

If, after examining a new antenna you received, you are not satisfied, contact us immediately for return authorization and refund. **ANY ANTENNA THAT HAS BEEN MODIFIED WILL BE SUBJECT TO A RESTOCKING CHARGE. IF AN ANTENNA IS SO MODIFIED AS TO MAKE IT UNUSABLE, DIRECTIVE SYSTEMS RESERVES THE RIGHT TO REFUSE TO ACCEPT THE ANTENNA FOR RETURN.**