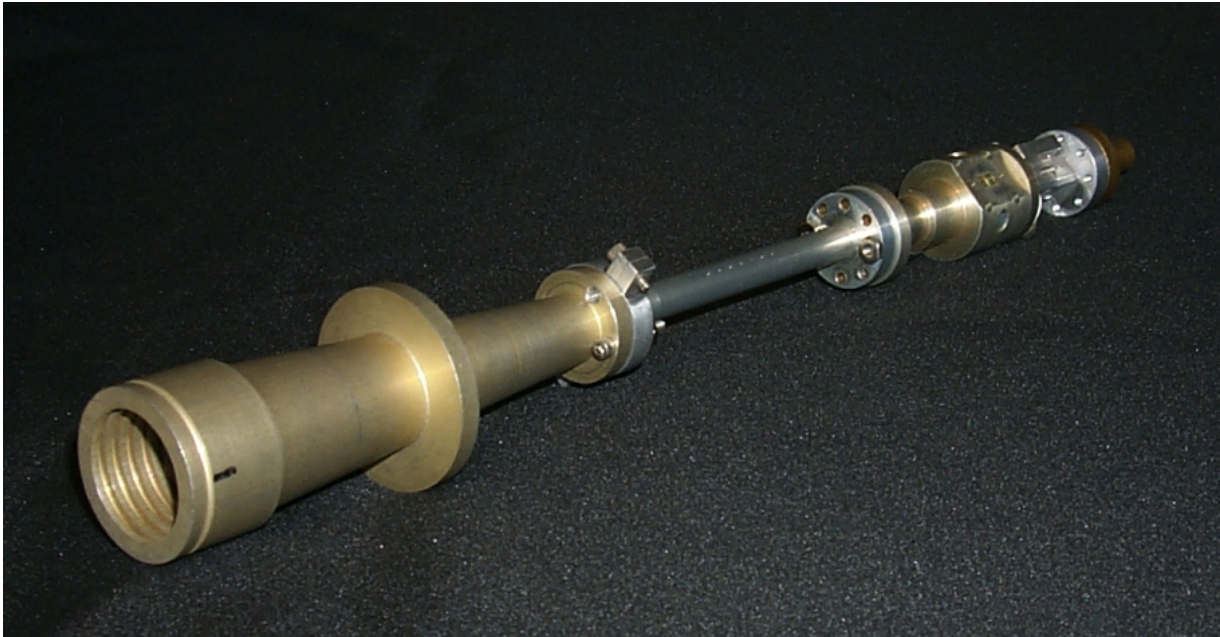
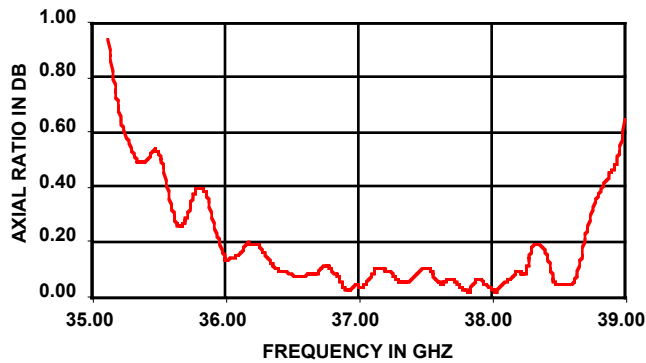


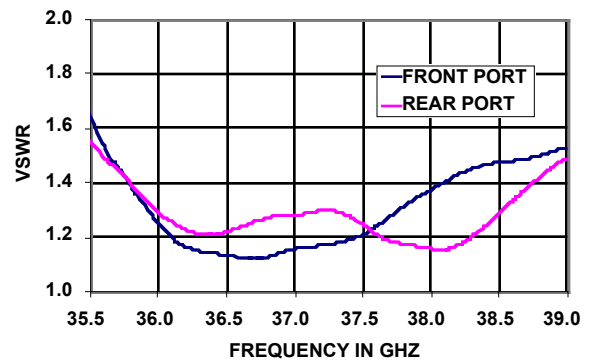
## LOW AXIAL RATIO DUAL CP CORRUGATED FEEDS



AXIAL RATIO OF CORRUGATED DUAL CP FEED  
MODEL # CR35DC39



VSWR OF DUAL CP CORRUGATED FEED  
MODEL # CR35DC39



These feeds are used in offset parabolic or Cassegrain antennas for applications requiring two orthogonal circular polarizations with low axial ratio and high polarization orthogonality. They can be tailored to any 9 - 10% frequency band up to 40 GHz. The performance of a 37 GHz model is shown above.

Space-qualified versions operating at 10.7, 18.7, and 37 GHz are being used on the Windsat satellite which will measure wind speed and direction over the ocean.