

# SIMULSAT

## 2-Port Feed C-Band



### Features

- Superior Performance
- Linear and Circular Polarization
- Two-Degree Spacing
- Simultaneous Satellite Reception
- Exceptional For Multibeam Applications
- Accommodates Bandpass Filters
- Accommodates Commercial LNBS (with minor flange modification)

### Summary

ATCi's Simulsat 2-Port is the most advanced feed design for the Simulsat line of multibeam antennas. This innovative design is narrow to allow for maximum flexibility in optimizing feeds for satellites spaced at 2° longitude, with no compromise in performance. The 2-Port Feed operates over the entire "extended" C-band frequency range from 3.4 to 4.2 GHz. The 2-Port Feed includes mounting rack and two C-Band PLL LNB's. The feed also accommodates bandpass filters to provide the up most in secure operation.

### Specifications (SSPRECA / SSPRECACIR)

	C-Band
Frequency	3.4 - 4.2 GHz
VSWR	1.5:1 typical
Isolation	30 dB min, 39 dB typical
Polarization	Linear or Circular