Bushtex inc.
GLOBAL SATELLITE COMMUNICATIONS

9.1M Andrew 4-Port

Operating Frequency Band (GHz)*
C-Band Receive 3.625•4.2 GHz
C-Band Transmit 5.850-6.425 GHz

Gain*, at circular w/g flange of feed. (dBi, ±0.2dB)

Rx Frequency	Rx Gain	Tx Frequency	Tx Gain
@3.700 GHz	49.8	@5.925 GHz	53.6
@4.000 GHz	50.5	@6.175 GHz	54.0
@4.200 GHz	50.9	@6.425 GHz	54.3

NOTE: See combiner options for additional gain and noise temperature specifications.

Polarization: Linearly- or Circularly-Polarized
Polarization Discrimination, (Linearly-Polarized): >35 dB across 1 dB beamwidth

Voltage Axial Ratio, (Circularly-Polarized): <1.06:1 across the 1 dB beamwidth
NOTE: See combiner options for other specifications.

Feed Type:	Dual-Reflector, GREGORIAN
Reflector Material:	Precision-Formed Aluminum
Reflector Segments:	20
Mount Type:	El over Az, Tripod

G/T Performance*

LNA/LNB Noise Temperature	65K	45K	33K
ES93B GIT at 15° EL (dB/K)	30.5	31.2	32.0

*Based on a 2-port. linearly-polarized antenna configuration at 4 GHz and at 15° elevation under clear sky conditions.

Uplink EIRP Capability*

HPA Output (Watts)	125	500	3000
Uplink EIRP (dBW)	74.8	80.8	88.6

*Based on a 2-port antenna configuration at 6.175 GHz and 0 dB allowance for waveguide (IFL) loss between the HPA and the antenna.

Non-motorized, however we can motorize with an economical Bushtex controller or factory controller.

Please call for pricing & payment options.
Temporary lease options available.
Custom integrated packages available upon request.
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