2.4M DISH ELECTRICAL SPECIFICATION				
Diameter	2.4M			
Operating Frequency, GHz	C-Band		Ku-Band	
	Receive	Transmit	Receive	Transmit
	3.625～4.2	5.85～6.425	10.95～12.75	14.0～14.5
Gain, Mid-band, dBi	38.18	41.76	47.94	48.87
Polarization	Linear/ Circular		Linear	
Cross Polarization Isolation for Linear Pol.				
(on Axis), dB	≥35dB			
across 1dB Beam Width, dB	≥33dB			
Axial Ratio (dB) For Circular Pol.	1.30	1.09		

VSWR	1.25:1	1.25:1	1.25:1	1.25:1
Antenna Noise Temperature, 2-port feed10° Elevation20° Elevation40° Elevation	38°K31°K24°K		52°K43°K38°K	
-3dB Beam Width	2.03°	1.34°	0.66°	0.59°
Tx. Power Capability, KW		5		1
Feed Interface	CPR-229G	CPR-159G/137G	WR-75	WR-75
Feed Insertion Loss, dB	0.2	0.2	0.25	0.25
Isolation, Tx to Rx, dB	85			
Radiation Pattern:First Sidelobe	CCIR580-4			
2.4M VSAT ANTENNA MECHANICAL SPECIFICATION				
Antenna Type	Ring Focus Antenna			
Antenna Pedestal Type	Kingpost Pedestal			
Finishes — Reflector SurfacePedestal & Back Structure	Aluminum panels with high-diffusing white paintHot dipped Galvanized			
Surface Accuracy (RMS)	≤ 0.35mm			
Azimuth	0°～360°			
Elevation	0°～90°			
Antenna Drive	Manual or Motorized drive			
2.4M ANTENNA ENVIRONMENTAL SPECIFICATION				
Operational Wind	72km/h Gusting to 97km/h			
Survival Wind	216km/h			
Temperature	– 40°C ～ + 60°C			
Relative Humidity	100%			
Solar Radiation	1135Kcal/ h/ m^2			
Seismic (Survival)	0.3g (H), 0.15g (V)			