

980

iNetVu™

by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS



Electrical

Feed Horn LNB & Tx cable	2 RG6 cables for Tx and Rx (15' each)	
Transmit (Tx) Power	1 to 200 Watt (Ku band) *	
Transmit (Tx) Frequency	13.75 – 14.50 GHz (Ku Band)	
Receive (Rx) Frequency	10.95 – 12.75 GHz (Ku Band)	
Midband Gain (+.2dB)		
Rx	39.8 dBi	
Tx	41.3 dBi	
Sidelobe Envelope, Co-Pol (dBi)		
	100l / D Ø < 20°	29 - 25 Log Ø dBi
	20° < Ø < 26.3°	- 3.5 dBi
	26.3° < Ø < 48°	32 - 35 Log Ø dBi
	48° < Ø	- 10 dBi (averaged)

Cross-Polarization

Within B.P. - 30 dB Max.
Any Angle off Axis - 25 dB Max.

Physical

Mounting Plate	L: 49.5" (1257mm)
	W: 18" (457mm)
Stowed Dish Ext. Dims	L: 61" (1549mm)
	W: 39.5" (1003mm)
	H: 20" (508mm)
Deployed Height	52" (1320 mm) Max.
Reflector Assembly Weight	30 lbs (13.7 kg)
Base Weight	113 lbs (51.3 kg)
Total Weight	143 lbs (65 kg)

Environmental Survival

Wind Deployed	100 mph (160 km/h)
Wind Stowed	140 mph (225 km/h)
Temperature	-40°F to 150°F (-40°C to 65°C)

Operational

Wind	45 mph (72 km/h)
Temperature	-26°F to 130°F (-32°C to 55°C)

* Depending on size and weight for feed arm mounting limitation

Mechanical

Reflector
Mount Geometry
Polarization
Deployment Sensors

RF Interface

Radio Mounting
Axis Transition
Waveguide
Coaxial

Electrical Interface

Standard Feed
European/Eutelsat Feed

Motors

Electrical Interface	12V DC 15A max.
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Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0 - 65°
Polarization	±70°
Elevation Deploy Speed	Variable 5°/sec typ
Azimuth Deploy Speed	Variable 15°/sec max, 10°/sec typ
Peaking Speed	0.2°/sec

Note:

Systems are configured with Cross-Pol as standard, Co-Pol is optional. A Eutelsat Feed is also available as an option for this system.

