

SVS SATELLITE SYSTEMS

SFM-CF120 FLY AWAY ANTENNA

- 120 cm parabolic carbon fiber reflector
- Motorized movement capability at 3 axis (Azimuth , elevation and polarization)
- Auto-pointing and auto-peaking features
- 0.1 degree satellite peaking sensitivity
- Designed for Ku, Ka, DBS,C,X Band applications
- Compliant with IATA standarts
- Embedded antenna controller into the antenna mechanic
- Remote control capability via Android based devices.



SVS
satellite systems

POINTSAT REMOTE CONTROL

IP ADDRESS

192.168.1.37

CCW ⏪

EL UP ↑

CW ⏩

AZ CCW ⏪

EL DOWN ↓

AZ CW ⏩

SPEED

AZ EL POL SIGNAL

226.5 45.5 -80.3 -199.0

GO TO SAT

STOP

STOW

ERROR

INFO

LIMITS

The latest antenna controller version of SVS, Pointsat allows you to control antenna via Android based devices or PC through ethernet cable.

The latest design of the Ku-band satellite antenna, being compact and robust, cost-effective can be used in the fast and reliable satellite communications. It has been designed for heavy duty conditions as a reliable system .

SFM-CF120 is an easy to mount antenna system and it has got antenna control system which integrated into antenna itself.

SFM-CF120 can also store over 300 satellites to memory . SFM-CF120 can peak to satellite within 5 minutes included install (with trained staff).

SFM-CF120 consist of 2 cases for the antenna and 1 case for the equipments like BUC, Modem or HPA, Encoder/Modulator.

SFM-CF120 is developed for quality focused costumer segment of the market with the very aggressive prices.

SFM-CF120 FLY AWAY ANTENNA

RF SPECIFICATIONS	Transmit	Recive
Frequency Band	13.75-14.5 Ghz	10.95-12.75 Ghz
Polarization	Linear Orthogonal	Linear Orthogonal
Antenna Gain	>43dBi	>42dBi
Cross Polarization	>30dB	>30dB
VSWR	1.25 : 1	1.25 : 1
Isolation	>85dB	>40dB
Feed Interface	WR75	WR75
3dB beam width	1.2°	1.32°
MECHANICAL SPECIFICATIONS		
Antenna Geometry	Offset Front Feed	
Antenna Reflector Effective Aperture	120 cm	
Reflector Material	Carbon Fiber, Six-piece segmented "Parabolic" reflector	
Elevation Range	10°-70°	
Azimuth Range	±181°	
Polarization Range	±95°	
Sizes	Motorized Case: Hardcase 51x75x33 cm Reflector and Feed Case: Softcase 36x52x85 cm	
Weight	Motorized Case : Hardcase 28 kg Reflector and Feed Case: Hardcase 26 kg	
ENVIRONMENTAL SPECIFICATION		
Wind Load	40 km/h	60 km/h
Ambient Temperature	-10°C to.+ 50°C	-20°C to 60°C
Humidity	%0 - %100	%0 - %100