

FLAT SATELLITE ANTENNA



SELF SAT PRODUCT LINE

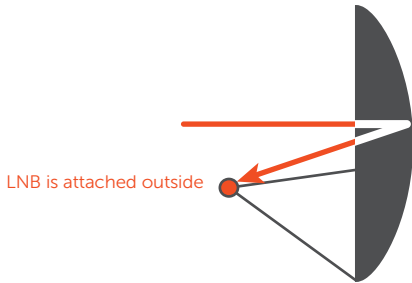
ver 3.0

Jan 2015	Develop SAT>IP application product
Dec 2014	SNIPE DOME series Launched
Feb 2014	CAMP series Launched
Dec 2013	Completed the development of high-H50D series
Nov 2013	SNIPE PRO / SNIPE PRO MAX Launched
Sep 2013	GOOD DESIGN Selection and Awarding of iDUO Voyager HD
Oct 2012	Launched Smart mirroring cable & monitor iDUO series
Sep 2012	Awarding KES Innovation with SNIPE
Jun 2012	Launched camping satellite antenna SNIPE
Mar 2012	Awarding the best trader of the month by KITA
Mar 2011	Launched ISDB-T digital home tuner for Japan market
Jun 2010	Patent registration for mobile antenna fixing equipment (Ref, Nr: 10-0962396)
Oct 2010	Europe patent registration for horn array antenna with linear polarization (Ref, Nr: EP 1930982)
Nov 2009	Launched a new flat antenna model, H30D
Dec 2008	Awarding an export tower prize from Korean government
May 2008	Supplied H21D to Canal plus
Jan 2008	Patent registration for horn array antenna with dual linear polarization
Jan 2008	Received approval from ASTRA
Jun 2007	Antenna bracket & 7 items design registration
Nov 2006	Developed first flat satellite antenna, H10D



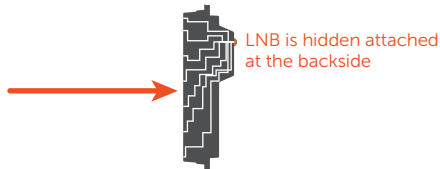
SELF SAT™

Patent	Ref no. 10-0801030	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0865956	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0864900	Patent registration of remote controller for TV corresponds with cellular communication network
Patent	Ref no. 10-0888936	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0905479	Patent registration of the method to optimize the reception angle of antenna with attenuation pad
Patent	Ref no. 10-0905914	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0918954	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0918957	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0918956	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0929165	Patent registration of horn array antenna with dual linear polarization
Patent	Ref no. 10-0949717	Patent registration of mobile AV device
Patent	Ref no. 10-0962396	Patent registration of fixing equipment for mobile antenna
Patent	Ref no. 10-1058814	Patent registration of mobile storage device for transmittable & receivable multimedia data
Europe Patent	EP 1930982	Horn array antenna for linear polarization
Utility Model	Ref no. 20-0442840	Utility model registration of supporting bracket for satellite antenna
Utility Model	Ref no. 20-0458333	Utility model registration of mobile horn array antenna
Utility Model	Ref no. 20-0469774	Utility model registration of mobile horn array antenna



Parabolic Dish Antenna

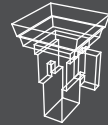
- Gather signal by reflection
- Loss in diffused reflection
- Low efficiency (60~75%)



Wave Guide Horn Antenna

- Collect signal by through-in
- No diffused reflection
- High efficiency (95%)

Wave Guide Horn Array Technology



INPUT

Dual Linear (Vertical & Horizontal) Polarization

LAYER #1

Receive satellite signal through horn of layer #1 without signal loss /
Divide into H & V polarization

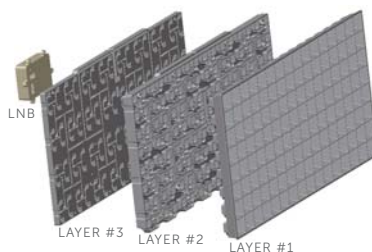
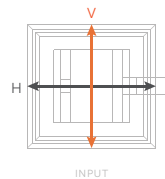
LAYER #2

Collect H polarization, and send the collected H polarization to LNB

LAYER #3

Collect V polarization, and send the collected V polarization to LNB

LNB



Flat Satellite HOME Antenna



H05H

- Frequency : 11.7 ~ 12.75 GHz
- Gain : 33.7 dBi @ 12.7 GHz
- Size : 517 x 277 x 44mm
- Weight : 2.7kg



H21D / H21D2 / H21D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 34.5dBi @ 12.7 GHz
- Size : 566 x 300 x 67mm
- Weight : 6.3kg



H30D / H30D2 / H30D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 33.7 dBi @ 12.7 GHz
- Size : 517 x 277 x 58mm
- Weight : 4.5kg



H33D / H33D2 / H33D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 33.7 dBi @ 12.7 GHz
- Size : 514 x 274 x 69mm
- Weight : 5.1kg



H34D / H34D2 / H34D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 34.5 dBi @ 12.7 GHz
- Size : 514 x 274 x 69mm
- Weight : 4.5kg



H35D / H35D2 / H35D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 33.7 dBi @ 12.7 GHz
- Size : 558 x 328 x 58mm
- Weight : 4.7kg



H36D / H36D2 / H36D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 33.7dBi @ 12.7GHz
- Size : 512 x 272 x 69mm
- Weight : 5.1kg



H38D / H38D2 / H38D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 33.7 dBi @ 12.7 GHz
- Size : 515 x 275 x 60mm
- Weight : 5.0kg



H50D / H50D2 / H50D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 36.1 dBi @ 12.7 GHz
- Size : 517 x 514 x 58mm
- Weight : 8.5kg



H53D / H53D2 / H53D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 36.1 dBi @ 12.7 GHz
- Size : 532 x 588 x 70mm
- Weight : 9.0kg



H58D / H58D2 / H58D4

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 36.1 dBi @ 12.7 GHz
- Size : 517 x 517 x 70mm
- Weight : 9.6kg

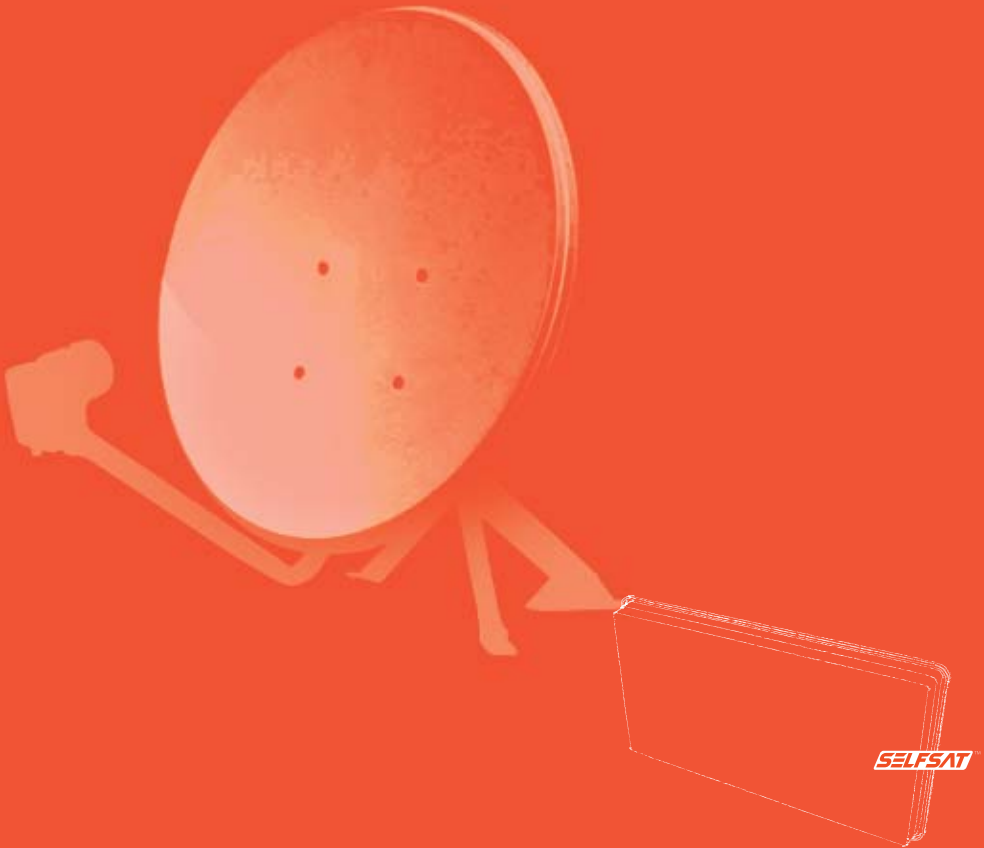


H50MN / H50MS / H50MU

- Frequency : 10.7 ~ 12.75 GHz
- Gain : 33.7dBi @ 12.7GHz
- Size : 527 x 520 x 112mm
- Weight : 8.5 kg

The world's best Flat Satellite **HOME** Antenna

You like so much your beautiful Flat LED TV !
Today SELFSAT offers you the only real flat antenna for your lovely house !!!





- Single polarization flat antenna



Input Satellite Frequency	11.7~12.75GHz
Polarization	LHCP / Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size (W x D x H)	517 X 277 X 44mm
Weight	2.7kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1 output
LNB Output Frequency	950~2,000MHz
L.O. Frequency	10.75GHz
Conversion Gain	58 ~ 60 dB
Gain Flatness	5dB p-p (max)



- Powerful performance
- Modern design
- Interchangeable LNB
- All types of various brackets included



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	34.5dBi @ 12.7GHz
Size(WxDxH)	566x300x67mm
Weight	6.3kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	LNB Interchangeable (Single/Twin/Quad)
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- The world's slimmest & smallest dual polarization antenna
- Small size & extremely slim but high performance
- Support Ku-band channels reception of major satellites
- Surprisingly lighter than conventional dish



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size(WxDxH)	517x277x58mm
Weight	4.5kg
Current Consumption	150mA (max)
Operating Temperature	-30 °C to +60 °C
Storage Temperature	-40 °C to +80 °C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- A new SELFSAT with solid aerodynamic concept



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size(WxDxH)	527 x 330 x 69mm
Weight	5.8kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- Modern and refined design
 - For beautiful appearance of houses or apartments



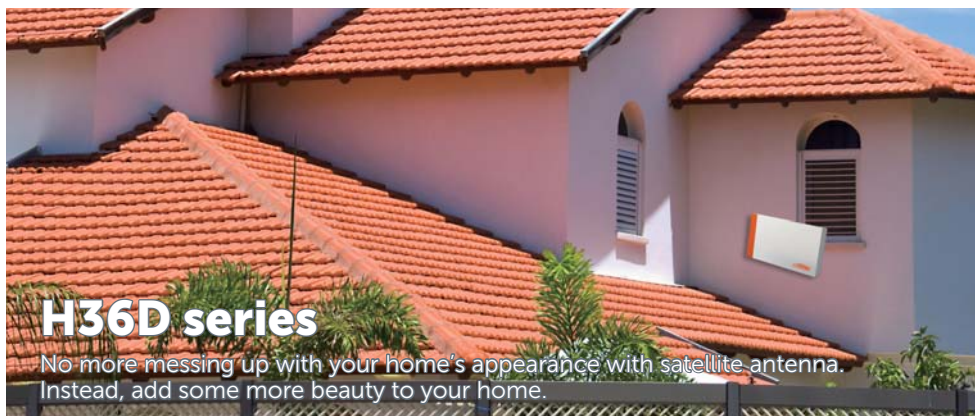
Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size(WxDxH)	514 x 274 x 69mm
Weight	5.1kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- Unique design
 - Adaptable and fits
- Out-spoken design for personal taste
 - Fit with your home design



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size(WxDxH)	558x328x58mm
Weight	4.7kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
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Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- Modern and refined design
 - For beautiful appearance of houses or apartments



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size(WxDxH)	512 x 272 x 69mm
Weight	5.1kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
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Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



H38D series

Solid and beautiful! The best model in the same category

- Luxurious and gorgeous
-For your luxurious outfit



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7 dBi @ 12.7 GHz
Size(WxDxH)	515×275×60mm
Weight	5.0kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



H50D series

Powerful performance with optimum design and price

- Simple & economic solution
- Maximized performance ever
- Works on Ku-band satellite
- Dual linear polarization
- Installation bracket to adjust skew angle



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	36.1dBi @ 12.7GHz
Size(WxDxH)	517×514×58mm
Weight	8.5kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- Aesthetic design
- Maximized performance ever



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	36.1dBi @ 12.7GHz
Size(WxDxH)	532x588x70mm
Weight	9.0kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- Improved durability
- Maximized performance ever
- Luxurious and gorgeous design



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	36.1dBi @ 12.7GHz
Size(WxDxH)	517x517x70mm
Weight	9.6kg
Current Consumption	150mA (max)
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
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Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



- Improved durability
- Maximized performance ever
- Luxurious and gorgeous design



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7dBi @ 12.7GHz
Size(WxDxH)	527 x 520 x112mm
Weight	8.5 kg
Current Consumption	150mA (max)
Target Satellite	ASTRA1 & HOTBIRD / ASTRA4A & THOR ASTRA3 & ASTRA1 (Optional)
Switching Satellite	DiSEqC
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +80°C
LNB Output	1/2/4 output
Changeover Low / High	0KHz / 22KHz
LNB Output Frequency	950~1,950MHz / 1,100~2,150MHz
L.O. Frequency	9.75GHz / 10.6GHz
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



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