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SELSAT-H50M

Flat Satellite Antenna

Multi Reception with DiSEqC



I DO IT Co., LTD
www.selfsat.com

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1. What is SELFSAT-H50M?



- The World's 1st multi-reception flat satellite antenna
- Receiving two satellites at the same time
(Astra1 & Hotbird / Astra4A & Thor / Astra3 & Astra1)
- Changing satellites automatically by DiSEqC
- Operating in full range of Ku band
- Output : Single / Twin / Quad
- Including brackets for installation



2. Structure

SELSAT™



- **H50M consists of two H30Ds**
- **Specially twisted angles for receiving two satellites**
- **Optimistic brackets for searching satellites**

3. Multi-Reception List

SELSAT™



1

H50M

• 1st Astra1 19.2E
2nd Hotbird 13.0E

2

H50M

• 1st Astra4A 4.9E
2nd Thor 0.8W

3

H50MN (Optional)

• 1st Astra3 23.5E
2nd Astra1 19.2E

- **Set-up the 1st satellite as standard** (No need to set-up 2nd satellite separately.)
- **Changing each satellite channels using DiSEqC**
- **Enabling multi-reception**

4. Coverage

SELF SAT™



H50M
Astra 1 - 19.2E
Hotbird - 13.0E



H50M
Astra 4A - 4.9E
Thor - 0.8W



H50MN (Optional)
Astra 3 - 23.5E
Astra 1 - 19.2E

5. Product Specification



Input Satellite Frequency	10.7~12.75GHz
Polarization	Vertical & Horizontal
Antenna Gain	33.7dBi @ 12.7GHz
Size(W×D×H)	527 × 520 ×112mm
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
LNB Noise Figure at 25°C	0.2 dB Typical
Input VSWR	2.5 : 1 Typical
Output VSWR	2.5 : 1 Typical
Conversion Gain	60 dB Typical
Gain Flatness	6dB p-p (max)
Power Supply	12~14V DC (Vertical) / 16~19V DC (Horizontal)



Thank you

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