

SATMAN 850 PLUS with UNYSAT-Quattro-LNB

SATMAN external unit with pre-assembled AZ/EL mount, 85 cm Ø

Colour	EAN	Item no.	Device (W x H x D)	Box
brick/red	4019588489882	6485/9880	89 x 85 x 7,5 cm	92,75 x 88 x 23,5 cm
fir/green	4019588289888	6285/9880	89 x 85 x 7,5 cm	92,75 x 88 x 23,5 cm
yellow with Smiley	4019588589889	6585/9880	89 x 85 x 7,5 cm	92,75 x 88 x 23,5 cm
polar white	4019588789883	6785/9880	89 x 85 x 7,5 cm	92,75 x 88 x 23,5 cm
beige	4019588089884	6085/9880	89 x 85 x 7,5 cm	92,75 x 88 x 23,5 cm
slate/grey	4019588389885	6385/9880	89 x 85 x 7,5 cm	92,75 x 88 x 23,5 cm

TOP FEATURES

- 85 cm dish made of first-class aluminum (powder-coated on both sides)
- For multi-switch distribution
- 1 orbit position (e.g. Astra 19.2 ° East)
- Ideal for wall and roof mounting
- LNB with weatherproof housing

NOISE FACTOR

- Lower frequency range: 0,6 dB max.
- Upper frequency range: 0,6 dB max.
- Noise figure: typ. 0,75 dB

OUTPUT FREQUENCY RANGE

- Low band: 950 ... 1.950 MHz
- High band: 1.100 ... 2.150 MHz

INPUT FREQUENCY RANGE

- Low band: 10,7 ... 11,7 GHz
- High band: 11,7 ... 12,75 GHz

LNB CONTROL

Vertical: 11,5 - 14,5 V

Horizontal: 16 - 19 V

AMBIENT OPERATING CONDITIONS

Ambient temperature: -40 ... 70 °C

Humidity: 10 ... 95 %

LOCAL OSCILLATOR

Low band: 9,75 GHz

High band: 10,6 GHz

Temperature drift: ± 2,5 MHz

Phase noise: -85 @10kHz

Accuracy: ± 1 MHz

TECHNICAL DATA

Rated measurement: 0,85 m

F/D: 0,67

G/T: 17,2

Offset angle: 21 °

Gain: 38,2 dBi @11,3 GHz

Mast Ø: 65 mm max.

Feed reception: for UNYSAT-Universal-LNB

PREPARED FOR

Number of clients: 4

Number of orbit positions: 1

GENERAL CHARACTERISTICS

Material: Aluminium

Material strength: 1,6 mm

Coating: Powder-coated on both sites

Colour: beige, polar white, slate-grey, brick red, fir green, yellow with smiley

POWER SUPPLY

LNB voltage supply: 11,5 ... 19 V

Power consumption: 200 mA

SCOPE OF DELIVERY

Satellite dish antenna SATMAN 850, AZ/EL bracket mount, LNB in weather-proof housing, screws, installation instructions