



## SATMAN 850 PLUS with UNYSAT-Quattro-LNB

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

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

#### LOCAL OSCILLATOR

Low band : 9,75 GHz

High band : 10,6 GHz

Temperature drift : ± 2,5 MHz

Phase noise : -85 @10kHz

Accuracy : ± 1 MHz

#### LNB CONTROL

Vertical : 11,5 - 14,5 V

Horizontal : 16 - 19 V

#### AMBIENT OPERATING CONDITIONS

Ambient temperature : -40 ... 70 °C

Humidity : 10 ... 95 %

#### 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

#### INPUT FREQUENCY RANGE

Low band : 10,7 ... 11,7 GHz

High band : 11,7 ... 12,75 GHz

#### 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

#### POWER SUPPLY

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

Power consumption : 200 mA

#### PREPARED FOR

Number of clients : 4

Number of orbit positions : 1

#### 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

#### SCOPE OF DELIVERY

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

\* black/white