



# SATMAN 65 PLUS with UNYSAT-Quattro-Switch LNB

SATMAN external unit with pre-assembled AZ/EL mount, 65 cm Ø

| EAN           | Colour             | Item no.  | Device (W x H x D) | Box                   |
|---------------|--------------------|-----------|--------------------|-----------------------|
| 4019588369887 | slate/grey         | 2365/9880 | 68 x 76 x 5,8 cm   | 69,2 x 77,8 x 19,5 cm |
| 4019588469884 | brick/red          | 2465/9880 | 68 x 76 x 5,8 cm   | 69,2 x 77,8 x 19,5 cm |
| 4019588569881 | yellow with Smiley | 2565/9880 | 68 x 76 x 5,8 cm   | 69,2 x 77,8 x 19,5 cm |
| 4019588069886 | beige              | 2065/9880 | 68 x 76 x 5,8 cm   | 69,2 x 77,8 x 19,5 cm |
| 4019588679887 | polar white        | 2765/9880 | 68 x 76 x 5,8 cm   | 69,2 x 77,8 x 19,5 cm |

### TOP FEATURES

65 cm Spiegel aus erstklassigem Aluminium  
(beidseitig pulverbeschichtet)

Für Multischalterverteilung

1 Orbitposition (z. B. Astra 19,2° Ost)

Optimal für Wand- und Dachmontage

LNB mit Wetterschutzgehäuse

### LOCAL OSCILLATOR

Low band: 9,75 GHz

High band: 10,6 GHz

Accuracy: ± 1 MHz

Phase noise: -85 @10kHz

Temperature drift: ± 2,5 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: 1,5 mm

Coating: Powder-coated on both sites

Colour: beige, slate-grey, brick-red, green

#### 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

#### NOISE FACTOR

Lower frequency range: 0,6 dB max.

Upper frequency range: 0,6 dB max.

Noise figure: typ. 0,75 dB

#### POWER SUPPLY

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

Power consumption: 200 mA

#### PREPARED FOR

Number of orbit positions: 1

#### TECHNICAL DATA

Outputs: 4

Impedance: 75  $\Omega$

Connector type: F female

Amplification: 60 ... 67 dB

Skew: -20 ... 20 °

Rated measurement: 0,65 m

F/D: 0,69

G/T: 14,5

Offset angle: 27 °

Gain: 35,7 dBi @11,3 GHz

Mast Ø: 65 mm max.

Feed reception: For

#### SCOPE OF DELIVERY

Satellite dish antenna SATMAN 65, AZ/EL bracket mount, UNYSAT-Quattro-Switch-LNB, screws, installation instructions