



## MULTYTENNE QUATTROSAT

The Multytenne receives four satellite positions with only 45 cm of antenna diameter, without the antenna having to be rotated.

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588548145	yellow with Smiley	1545/8814	5,1 kg	4 kg		
4019588448841	brick/red	1445/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588048843	beige	1045/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588048843	beige	1045/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588048843	beige	1045/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588748842	polar/white	1745/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588048843	beige	1045/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588048843	beige	1045/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm
4019588048843	beige	1045/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588348844	slate/grey	1345/8814	5,1 kg	4 kg	45 x 48 cm	50,5 x 50 x 24,3 cm

#### SONSTIGES

bf\_filter\_diameter: 45 cm

bf\_filter\_austattung: with LNB

#### AMBIENT OPERATING CONDITIONS

Humidity: 5 - 100 %

Ambient temperature: -40 bis 65 °C

#### NOISE FACTOR

Lower frequency range: 0,7 dB max.

Upper frequency range: 0,8 dB max.

#### PREPARED FOR

Number of orbit positions: 4 4

#### LOCAL OSCILLATOR

Low band: 9,75 GHz  $\pm$  3 MHz

High band: 10,6 GHz  $\pm$  3 MHz

#### GENERAL CHARACTERISTICS

Top features: 1 or 2 participants

Material: Aluminium

Top features: 4 orbital positions (Eutelsat 13° East, Astra 19,2° East, Astra 23,5° East and Astra 28,2° East)

Top features: perfect for ground- or wall mounting

Top features: Reception of BBC-channels on Astra 28.2° East

Material strength: 1 mm

Coating: Powder-coated on both sites

#### OUTPUT FREQUENCY RANGE

Low band: 950 - 1.950 MHz

High band: 1.100 - 2.150 MHz

#### TECHNICAL DATA

Rated measurement: 0,45 m

F/D: 0,6

Gain: 32,2 dBi @11,3 GHz

Offset angle: 30 °

Satellite positions: Eutelsat 13° East, Astra 19,2° East, Astra 23,5° East, Astra 28,2° East

Feed reception: for MULTYTENNE QUATTROSAT LNB

#### LNB CONTROL

Vertical: 11 ... 14 V

Horizontal: 16 ... 20 V

Band switch: 22 kHz

DiSEqC: 1

#### INPUT FREQUENCY RANGE

Low band: 10,7 - 11,7 GHz

High band: 11,7 - 12,75 GHz

#### POWER SUPPLY

LNB voltage supply: 11 ... 20 V

Power consumption: 170 mA (typ.)

#### SCOPE OF DELIVERY

Satellite dish antenna SATMAN 45, Multytenne QuattroSat reception unit (LNBS), wall mount, installation instructions