



### Description

Double array antennas covering the complete gain range, in UHF broadband or for groups of channels. Fast and easy assembly, all the components are pre-mounted and no tools are required for their assembly.

### Applications

Individual or MATV digital and analogue terrestrial TV installations where reception conditions are favourable.

### Characteristics

Rejects GSM signals as well as signals coming from the lower part of the antenna. Robust antenna with great resistance to both sun and saltpetre. Made from aluminium, weather-resistant plastic and galvanised steel. Reduced size reflector to facilitate assembly and installation. Elevation angle adjustment, mounting in either horizontal or vertical polarity. Includes a balun (symmetrizer), specially designed for the antenna, with F-type connector protected inside the balun box. Packed individually, in multiple packs or unassembled.

### Accessories

- 9010008 BR-401 UHF preamp. for antenna box, F connector (24 V<sub>DC</sub>).
- 9010009 BR-411 UHF preamp. for antenna box, F connector (12 V<sub>DC</sub>).
- 9010012 BR-441 UHF preamp. for antenna box, F-type connector (5 V<sub>DC</sub>).

CODE		9000039	9000042	9000036	9000043
MODEL		BU-289	BU-269	BU-454	BU-569
Frequency range	MHz	470-862			
Channel		21-69			
Elements		19	27	43	45
Gain	dBd	9.2	13	14	16
Front/back ratio	dB	19	23	25	25
Impedance	Ω	75			
Return loss	dB	≥ 9.5	≥ 10	≥ 9.5	≥ 10
Polarity		H/V			
Beam width	°H	46	26	24	20
	°V	58	31	32	21
Lenght	mm	495	1087	1298	2050
Wind loading	N				
	H	41	48	89	83
	V	57	70	93	104
Connection		F female			
Colour		Black/Aluminium			
Pack x Code x Unit/Pallet		72 x 1 x 1	84 x 1 x 1	56 x 1 x 1	25 x 1 x 1
Packing weight	Kg	1.02	1.48	1.85	2.4
Pallet weight	Kg	88.4	139.3	118.6	75
Packing dimensions	mm	590 x 400 x 95	600 x 400 x 90	700 x 425 x 90	1,084 x 455 x 125
Pallet dimensions	mm	1,200 x 800 x 2,000			

The BU-269, BU-454 and BU-569 are also in multiple packs (see page 21)

