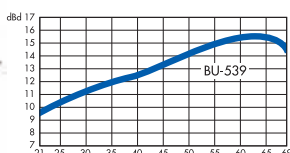
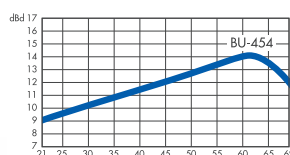
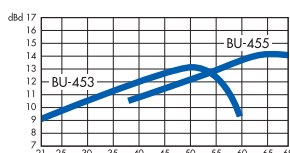


# SERIES 900 TERRESTRIAL ANTENNAS

Large reflector UHF antennas



BU-454  
BU-453  
BU-455



BU-539

## 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 weak and unfavourable. The reflectors avoid interferences received from behind.

## 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 ASA plastic and galvanised steel. Reduced size reflector to facilitate assembly and installation. Elevation angle adjustment, mounting in either horizontal or vertical polarity. The antenna includes a matching transformer designed especially for it with connection by means of a screw terminal. Packed individually, in multiple packs or unassembled.

## Accessories

- 9010008 BR-401 UHF preamplifier for antenna box (24V=).
- 9010009 BR-411 UHF preamplifier for antenna box (12V=).

CODE	9000036		9000056		9000037		9000038	
MODEL	BU-454		BU-453		BU-455		BU-539	
Frequency range	MHz	470-862	470-686	470-686	606-862	606-862	470-862	470-862
Channel		21-69	21-47	21-47	38-69	38-69	21-69	21-69
Elements		43	41	41	41	41	53	53
Gain	dBd	14	13.5	13.5	14.5	14.5	16	16
Front/back ratio	dB		25	25			28	28
Impedance	$\Omega$				75	75		
Return loss	dB				$\geq 10$	$\geq 10$		
Polarity					H/V	H/V		
Beam width	$^{\circ}$ H	24	28	28	26	26	20	20
	$^{\circ}$ V	32	34	34	29	29	22	22
Lenght	mm	1298	1296	1296	1292	1292	1922	1922
Wind loading	N	H	89	89	89	88	130	130
		V	93	94	94	90	130	130
Connection					F female	F female		
Protection index					IP 53	IP 53		
Colour					Black/Aluminium	Black/Aluminium		
Pack x Code x Unit/Pallet		56 x 1 x 1	36 x 1 x 1	36 x 1 x 1	56 x 1 x 1	56 x 1 x 1	27 x 1 x 1	27 x 1 x 1
Packing weight	Kg	1.85	1.90	1.90	1.80	1.80	2.66	2.66
Pallet weight	Kg	118.6	83.4	83.4	115.8	115.8	86.8	86.8
Packing dimensions	mm	700 x 425 x 90	800 x 448 x 125	800 x 448 x 125	700 x 425 x 90	700 x 425 x 90	1084 x 455 x 125	1084 x 455 x 125
Pallet dimensions	mm	1,200 x 800 x 2,000						

The BU-454 model is also supplied in a multiple pack and unassembled (see page 18).

