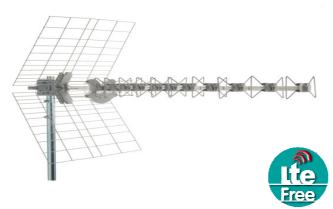


## **UHF Series – BLU HD SERIES**

## **BLU10HDLTE**





Developed from the already successful BLU10 range the BLU10HDLTE has been specifically designed to reduce the impact suffered from LTE signals. Utilising its superb electrical design properties in conjunction with a passive SAW filter built into the balun, a high gain is achieved within the required bandwidth.

Pre-assembled aerial: elements, mast mount and reflector clamp.

Fast and secure grid and dipole insertion onto the preassembled support.

## **Main Specifications:**

- 10 elements
- SAW filter in the dipole
- Wideband UHF antenna
- Dipole with F connector
- H or V polarisation

- Maximum mast diameter 60mm
- Quick installation to pole using wing nut bracket
- Double grid reflector
- Impedance 75 Ohm
- Selectivity of 38dB @ 27MHz (790-817MHz)

		BLU10HDLTE		
Fracarro code		217909		
Elements	No.	10		
Band		UHF		
Channels	Europe	E21 - E60		
Technical Characteristics				
Bandwidth	MHz	470 – 790		
Maximum gain	dBi	15		
Front-to-back ratio	dB	30		
Return loss	dB	- 16		
Beamwidth (-3dB)	0	+/-25		
Impedance	Ohm	75		
Mechanical Characteristics				
Dimensions (L x W)	cm	119 x 50		
Maximum mast diameter	mm	60		
Wind load at 120Km/h (720 N/m <sup>2</sup> )	Kg (N)	7.2 (70.56)		
Connector	Type	F		
Accessories				
Horizontal polarisation		Included		
Horizontal polarisation with tilt adj.		Included		
Vertical polarisation		Included		
Vertical polarisation with tilt adj.		Included		
Auxiliary boom		CA2		

Fracarro code	Description	Packaging	Quantity	Dimensions	Unit weight	Total weight
217909	BLU10HDLTE	Box	10	1,240 x 380 x 550	2.22	24.6

