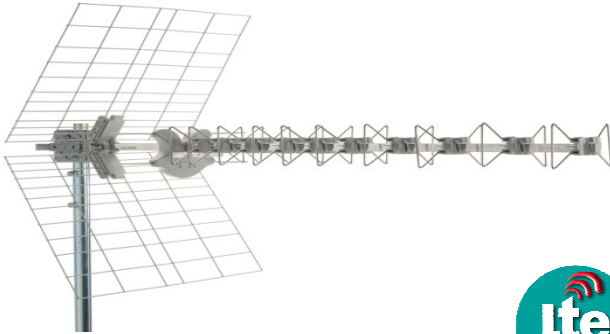


## UHF Series – BLU HD SERIES

# 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 pre-assembled 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
<b>Technical Characteristics</b>		
Bandwidth	MHz	470 – 790
Maximum gain	dBi	15
Front-to-back ratio	dB	30
Return loss	dB	- 16
Beamwidth (-3dB)	°	+/-25
Impedance	Ohm	75
<b>Mechanical Characteristics</b>		
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
<b>Accessories</b>		
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

### FREQUENCY PERFORMANCE

BLU 10HD LTE	GAIN	<p>Gain ISO [dB]</p> <p>Frequency [MHz]</p>
	DIRECTIVITY	