

## UHF aerials

### BLU Series

BLU220F

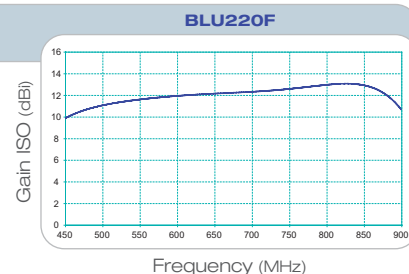
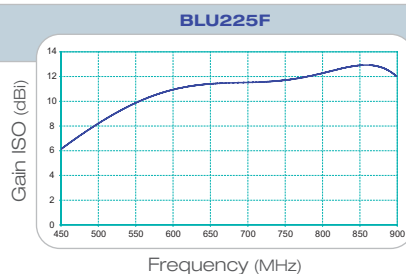
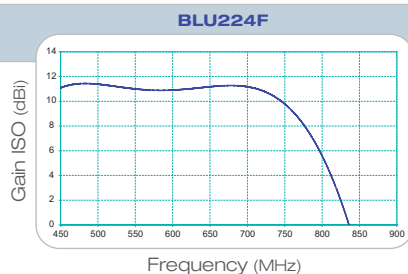
Pre-assembled aerials with F connector and excellent performance: high gain, high directivity and very good return loss. Easy to install and characterised by highly reliable RF connection.

60mm maximum mast clamp diameter and the design allows good wind loading.

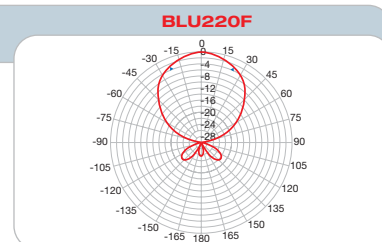
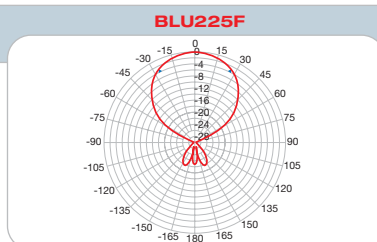
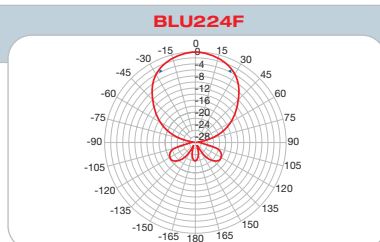


Item Code		BLU224F 217851	BLU225F 217852	BLU220F 217850
Elements	No.	22	22	22
Band		IV	V	UHF
Channels		E21-E37	E38-E69	E21-E69
Bandwidth	MHz	470-606	606-862	470-862
Maximum gain	dBi	11	13	13
Front-to-back ratio	dB	27	30	30
Return loss	dB	-20	-17	-16
Beamwidth (-3dB)	°	+/- 25	+/- 25	+/- 25
Wind load at 120Km/h (720N/m <sup>2</sup> )	Kg (N)	5.5 (53.95)	5.5 (53.95)	5.5 (53.95)
Connector	type	F	F	F
Impedance	Ohm	75	75	75
Maximum mast Ø	mm	60	60	60
Dimensions (L x W)	cm	92x50	84x50	84x50
<b>Packaging</b>				
Quantity	pcs	10	10	10
Unit weight	Kg	1.64	1.44	1.4
Total weight	Kg	17.74	15.74	15.34
<b>Accessories</b>				
Horizontal polarisation			included	
Horizontal polarisation with tilt adj.			included	
Vertical polarisation			included	
Vertical polarisation with tilt adj.			included	
Auxiliary boom			N/A	

### Gain



### Pattern



# Aerials

## UHF aerials

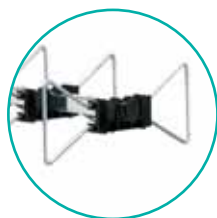
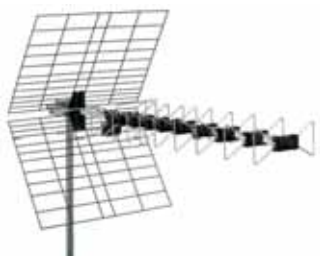
### BLU Series

BLU420F

BLU920F



Standard 2



Element detail

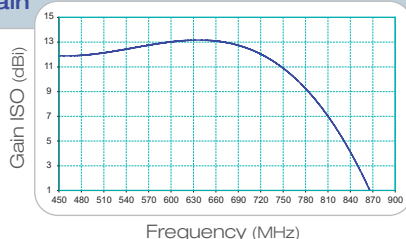


Item Code		BLU424F 217854	BLU425F 217855	BLU420F 217853	BLU920F 217856
Elements	No.	42	42	42	90
Band		IV	V	UHF	UHF
Channels		E21-E37	E38-E69	E21-E69	E21-E69
Bandwidth	MHz	470-606	606-862	470-862	470-862
Maximum gain	dBi	13	15	15	18
Front-to-back ratio	dB	27	26	30	30
Return loss	dB	-20	-22	-16	-18
Beamwidth (-3dB)	°	+/- 22	+/- 22	+/- 22	+/- 17
Wind load at 120Km/h (720N/m <sup>2</sup> )	Kg (N)	7.0 (68.67)	7.0 (68.67)	7.0 (68.67)	12.0 (117.72)
Connector	type	F	F	F	F
Impedance	Ohm	75	75	75	75
Maximum mast Ø	mm	60	60	60	60
Dimensions (L x W)	cm	122x50	119x50	119x50	242x50
<b>Packaging</b>					
Quantity	pcs	10	10	10	3
Unit weight	Kg	2.14	1.9	1.89	3.16
Total weight	Kg	22.74	20.34	20.24	9.88
<b>Accessories</b>					
Horizontal polarisation				included	
Horizontal polarisation with tilt adj.				included	
Vertical polarisation				included	
Vertical polarisation with tilt adj.				included	
Auxiliary boom			CA2		included

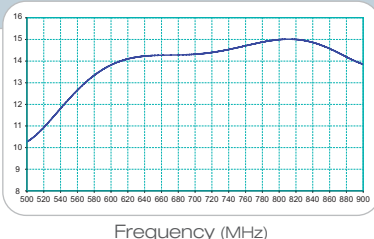
\*For more information see [www.dtg.org.uk](http://www.dtg.org.uk) web site.

### Gain

BLU424F

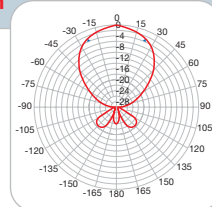


BLU425F

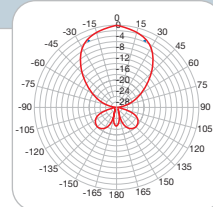


### Pattern

BLU424F

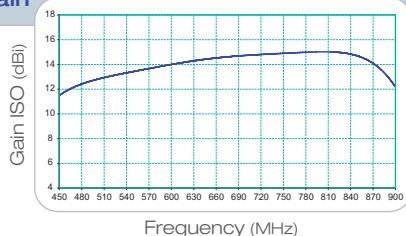


BLU425F

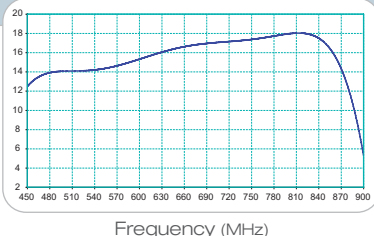


### Gain

BLU420F

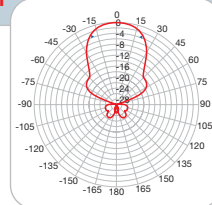


BLU920F



### Pattern

BLU420F



BLU920F

