

**UHF aerials**

**OMEGA Series**

Excellent performance Yagi aerials, easy to install with high mechanical sturdiness. Important electrical performances include: high gain, high directivity and excellent front-to-back ratio.



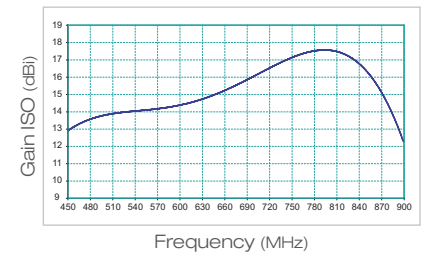
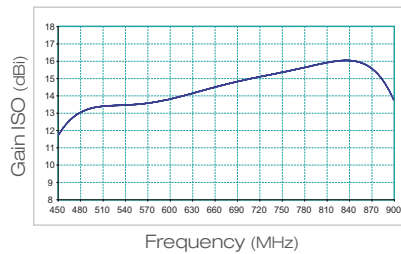
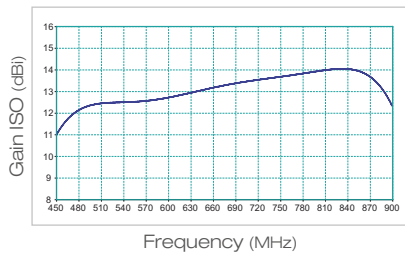
▶ **OMEGA5**



▶ **OMEGA8**

Item		OMEGA5	OMEGA8	OMEGA14
Code		213021	213022	213023
Elements	No.	5	8	14
Band		UHF	UHF	UHF
Channels		E21-E69	E21-E69	E21-E69
Bandwidth	MHz	470-862	470-862	470-862
Maximum gain	dBi	14	16	17.5
Front-to-back ratio	dB	32	32	30
Return loss	dB	-18	-18	-18
Beamwidth (-3dB)	°	+/- 23	+/- 22	+/- 19
Wind load at 120Km/h (720N/m <sup>2</sup> )	Kg (N)	4.5 (44.14)	5.5 (53.95)	8.0 (78.48)
Connector	type	F	F	F
Impedance	Ohm	75	75	75
Maximum mast Ø	mm	60	60	60
Dimensions (L x W)	cm	77x58	107x58	159x58
<b>Packaging</b>				
Quantity	Pcs	2	2	2
Unit weight	Kg	1.6	1.78	2.4
Total weight	Kg	3.2	3.56	4.8
<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	CA2	Included

**Gain** **OMEGA5** **OMEGA8** **OMEGA14**



**Pattern** **OMEGA5** **OMEGA8** **OMEGA14**

