

UHF Aerials

OMEGA SERIES



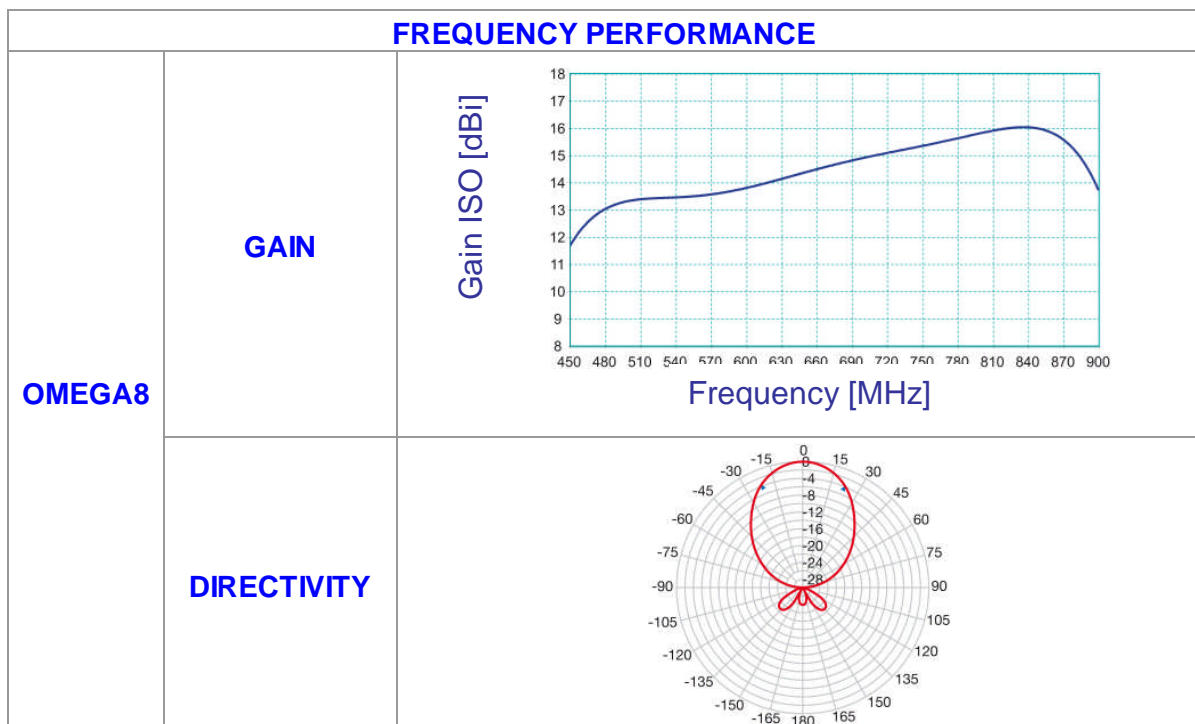
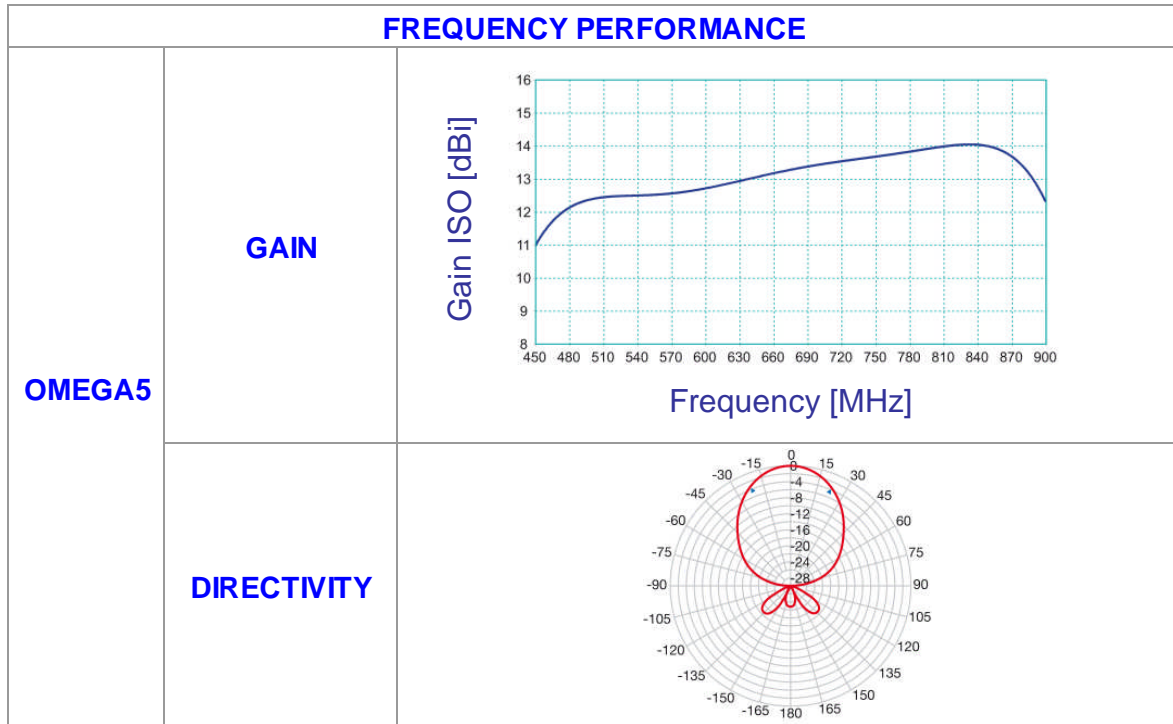
High performance Yagi aerials, easy to install with high mechanical sturdiness. Important electrical characteristics include: high gain, high directivity and excellent front-to-back ratio. OMEGA5 and OMEGA8 have been benchmarked by the CAI (Confederation of Aerial Industries Ltd, UK).

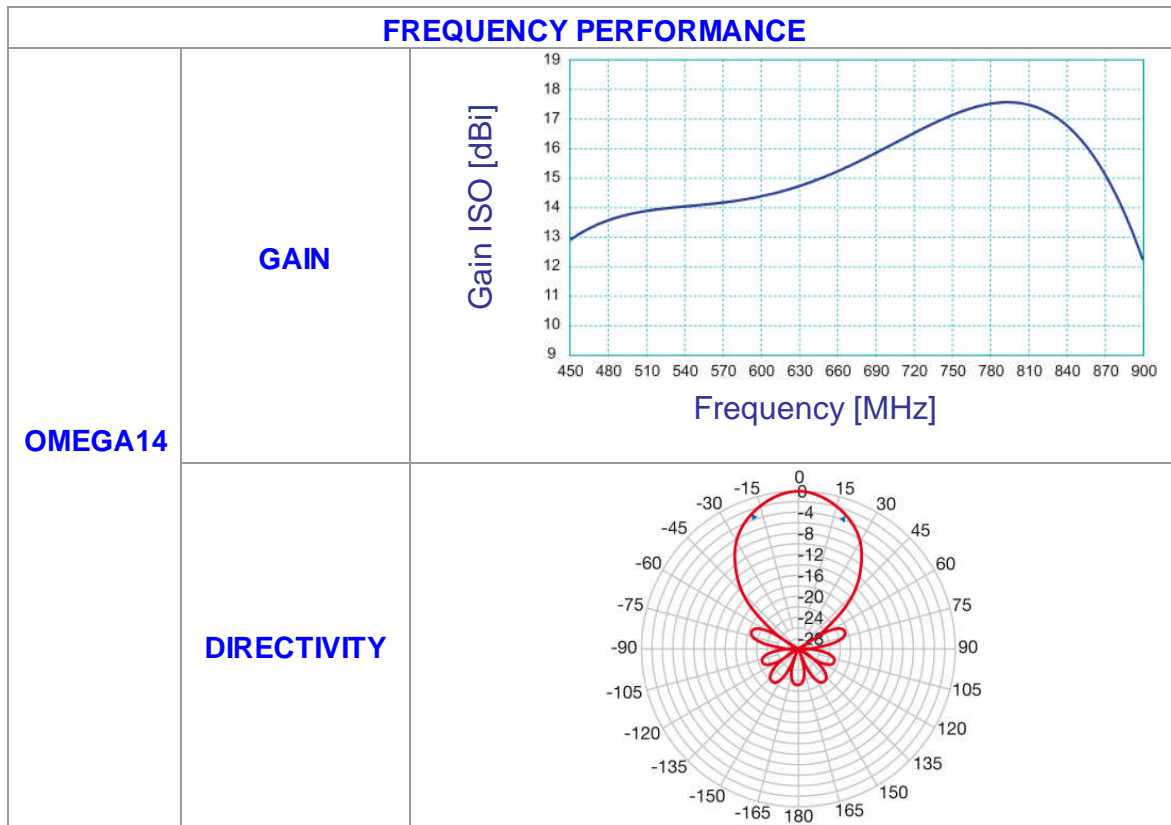
Main specifications

- 5, 8 or 14 elements
- UHF aerials
- Impedance 75 Ohm
- F Connector

		OMEGA5	OMEGA8	OMEGA14
Fracarro code		213021	213022	213023
Elements	No.	5	8	14
Band		UHF	UHF	UHF
Channels	Europe	E21-E69	E21-E69	E21-E69
Technical characteristics				
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
Impedance	Ohm	75		
Mechanical characteristics				
Dimensions (L x W)	cm	77 x 58	107 x 58	159 x 58
Maximum mast Ø	mm	60		
Wind load at 120Km/h (720N/m ²)	Kg (N)	4.5 (44.14)	5.5 (53.95)	8.0 (78.48)
Connector	Type	F		
Accessories				
Horizontal polarisation		Included		
Horizontal polarisation with tilt adj.		Included		
Vertical polarisation		Included		
Vertical polarisation with tilt adj.		Included		
Auxiliary boom		N/A	CA2	Included

Fracarro code	Item	Packaging	Quantity	Dimensions	Unit weight	Total weight
			pieces	mm	Kg	Kg
213021	OMEGA5	Box	2	800 × 385 × 130	1.60	3.2
213022	OMEGA8	Box	2	805 × 385 × 130	1.785	3.57
213023	OMEGA14	Box	2	890 × 400 × 140	2.412	4.825





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