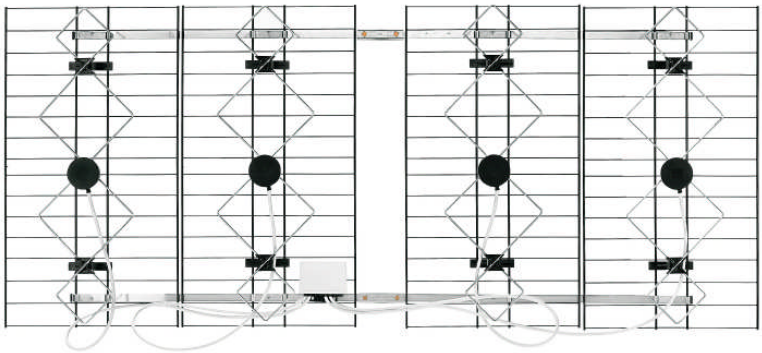
UHF aerials

P SERIES with F connector



PU16F

Multiple panel aerials with F connector. High gain and directivity of the multiple panel series are ideal for the reception of weak signals and signals from lots of different transmitters.

Main specifications

- High gain
- Ideal for the reception of weak signals
- Impedance 75 Ohm

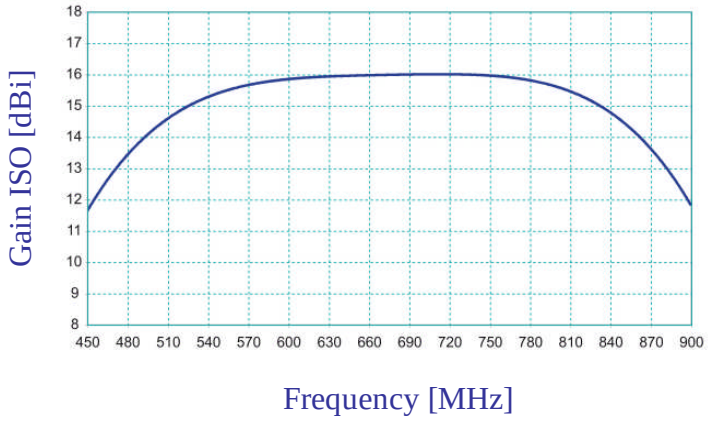
		PU8F	PU8VF	PU16F
Fracarro code		217428	217429	217436
Band		UHF	UHF	UHF
Channels	Europe	E21-E69	E21-E69	E21-E69
Technical characteristics				
Bandwidth	MHz	470 – 862	470 – 862	470 – 862
Maximum gain	dBi	16	16	18.5
Front-to-back ratio	dB	26	26	28
Return loss	dB	-10	-10	-10
Beamwidth (-3dB)	°	+/-15	+/-10	+/-10
Impedance	Ohm	75		
Mechanical characteristics				
Dimensions (L x W)	cm	88,5 x 72	156 x 40	167 x 72
Maximum mast Ø	mm	60	60	60
Wind load at 120Km/h (720N/m^2)	Kg (N)	13.0 (127.53)	13.0 (127.53)	26.0 (255.06)
Accessories				
Horizontal polarisation		Included		
Horizontal polarisation with tilt adj.		N/A		
Vertical polarisation		N/A		
Vertical polarisation with tilt adj.		N/A		
Auxiliary boom		N/A		

Fracarro Code	Item	Packaging	Quantity	Dimensions	Unit weight	Total weight
			Pieces	mm	Kg	Kg
217428	PU8F	Single box	1	270 × 50 × 900	2.90	2.95
217429	PU8VF	Single box	1	400 × 50 × 1.570	2.90	2.95
217436	PU16F	Single box	1	720 × 50 × 1.690	5.00	5.30

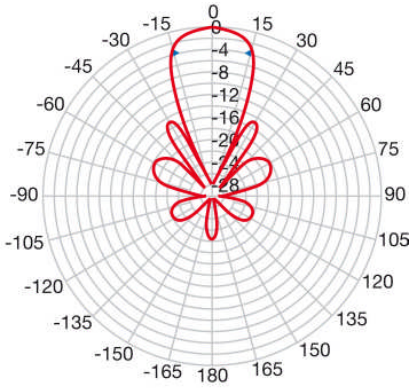
FREQUENCY PERFORMANCE

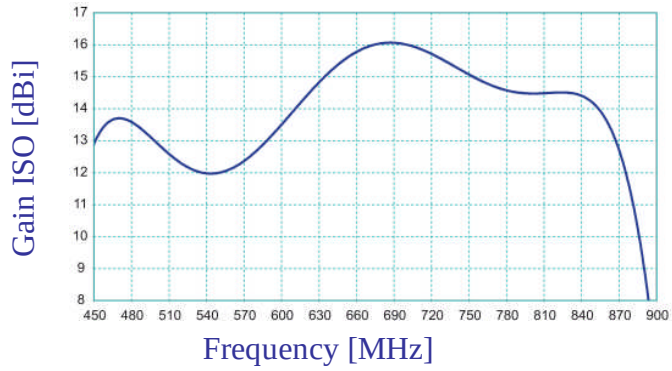
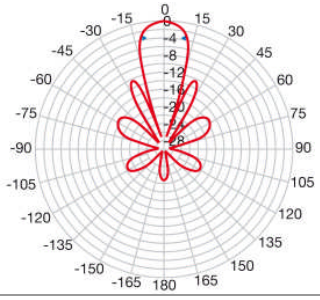
PU8F

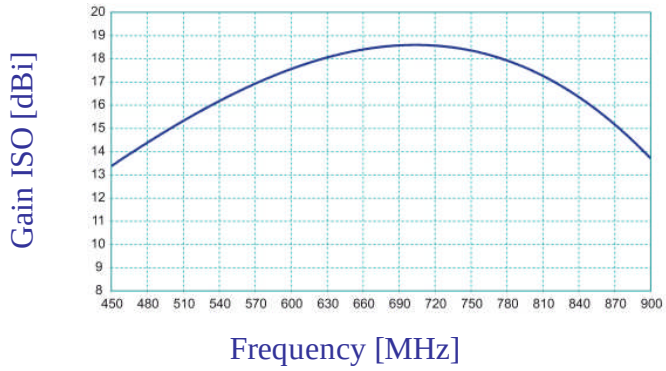
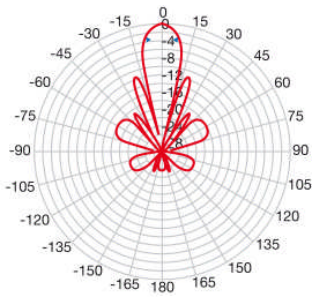
GAIN



DIRECTIVITY



FREQUENCY PERFORMANCE		
PU8VF	GAIN	
	DIRECTIVITY	

FREQUENCY PERFORMANCE		
PU16F	GAIN	
	DIRECTIVITY	

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