

## PA ... 1415 Series Parabolic Antenna Specification



Standard Performance	PA 0,4 S 1415-N	PA 0,6 S 1415-N	PA 0,8 S 1415-N	PA 1,2 S 1415-N	PA1,5 S 1415-N	PA 1,8 S 1415-N
Operating Frequency	1,427 - 1,535 GHz					
Diameter	0,4 m	0,6 m	0,8 m	1,2 m	1,5 m	1,8 m
Gain <sub>midband</sub>	13,5 dBi	16,4 dBi	19,0 dBi	22,1 dBi	24,1 dBi	26,0 dBi
Polarization	Linear Simplex ( Horizontal or Vertical )					
Half-Power Beamwidth	33,1°	23,5°	17,6°	12,2°	9,7°	8,1°
Return Loss	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB
Front-to-Back Ratio	23 dB	24 dB	28 dB	30 dB	30 dB	30 dB
Cross-Polarization Discrimination	20 dB	24 dB	28 dB	28 dB	28 dB	30 dB
Connector	N ( female )					

## GRPA....1415 Series Antenna Specification



Grid	GRPA 0,4 S 1415-N	GRPA 0,6 S 1415-N	GRPA 0,8 S 1415-N	GRPA 1,2 S 1415-N	GRPA1,5 S 1415-N	GRPA 1,8 S 1415-N
Operating Frequency	1,427 - 1,535 GHz					
Diameter	0,4 m	0,6 m	0,8 m	1,2 m	1,5 m	1,8 m
Gain <sub>midband</sub>	13,5 dBi	16,4 dBi	19,0 dBi	22,1 dBi	24,1 dBi	26,0 dBi
Polarization	Linear Simplex ( Horizontal or Vertical )					
Half-Power Beamwidth	33,1°	23,5°	17,6°	12,2°	9,7°	8,1°
Return Loss	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB
Front-to-Back Ratio	23 dB	24 dB	28 dB	30 dB	30 dB	30 dB
Cross-Polarization Discrimination	20 dB	24 dB	28 dB	28 dB	28 dB	30 dB
Connector	N ( female )					



### HPA....1415 Series Antenna Specification



High Performance	HPA 0,4 S 1415-N	HPA 0,6 S 1415-N	HPA 0,8 S 1415-N	HPA 1,2 S 1415-N	HPA1,5 S 1415-N	HPA 1,8 S 1415-N
Operating Frequency	1,427 - 1,535 GHz					
Diameter	0,4 m	0,6 m	0,8 m	1,2 m	1,5 m	1,8 m
Gain <sub>midband</sub>	13,5 dBi	16,4 dBi	19,0 dBi	22,1 dBi	24,1 dBi	26,0 dBi
Polarization	Linear Simplex ( Horizontal or Vertical )					
Half-Power Beamwidth	33,1°	23,5°	17,6°	12,2°	9,7°	8,1°
Return Loss	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB	-19,1 dB
Front-to-Back Ratio	31 dB	32 dB	34 dB	35 dB	36 dB	38 dB
Cross-Polarization Discrimination	20 dB	24 dB	28 dB	28 dB	28 dB	30 dB
Connector	N ( female )					