



DESCRIPTION

The new parabolic reflector with feed, manufactured by Geritel is the best cost-effective solution for TV broadcasters, telecom operators and wireless service providers. The demand of a compact antenna with low side profile joined to high performances of reflector and feed have been the targets followed by Geritel R&D department. Antenna with feed is available in different range of frequencies and polarization (single or double).

MECHANICAL DATA

Dish diameter:	2 ft / 0,6m
Side profile dimension:	180mm
F/D:	0,31
Depth:	125mm
Focal length:	194mm
Polarization adjustment:	$\pm 4^\circ$
Dish material:	Aluminum
Antenna superficial treatment:	Painted
Diameter of the fixing pole:	90 ÷ 114 mm
Setting of fine bearings on the horizontal plane:	$\pm 22^\circ$
Setting of fine bearings on the vertical plane:	$\pm 32^\circ$
Fixing brackets:	Aluminum Casting
Supporting structure:	Aluminum Casting
Resistance to the wind up to:	200 km/h
Weight of parabolic antenna with feeder and radome:	9.5 kg
Front cover color:	White
Operational temperature:	$-40^\circ \div +60^\circ$
Packaging carton box size:	800x800x500mm – 11 kg



2ft/0,6m

CODE: GHP2

MICROWAVE RADIO LINK ANTENNAS



Geritel

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ELECTRICAL DATA

Feed/ Radiator	Frequency [GHz]	Polarization	3dB Beamwidth [Degrees]	Input Connector	VSWR	Return Loss [dB]	Gain [dB]			X pol. [dB]	Decoupling* [dB]
							Bottom	Mid band	Top		
GHP2-052S	5,2-5,8	S	6,3	Nf	< 1.22	> 20dB	28,0	28,5	29,0	28	--
GHP2-052D	5,2-5,8	D	6,3	Nf	< 1.22	> 20dB	28,0	28,5	29,0	28	> 40dB
GHP2-059S	5,9-6,4	S	5,7	Nf	< 1.22	> 20dB	29,1	29,5	29,9	28	--
GHP2-059D	5,9-6,4	D	5,7	Nf	< 1.22	> 20dB	29,1	29,5	29,9	28	> 40dB
GHP2-064S	6,4-7,1	S	5,2	Nf	< 1.22	> 20dB	30,0	30,3	31,0	28	--
GHP2-064D	6,4-7,1	D	5,2	Nf	< 1.22	> 20dB	30,0	30,3	31,0	28	> 40dB
GHP2-100S	10,0-11,0	S	3,3	PBR	< 1.22	> 20dB	33,7	34,2	34,6	35	--
GHP2-100D	10,0-11,0	D	3,3	PBR	< 1.22	> 20dB	33,7	34,2	34,6	35	> 40dB
GHP2-127S	12,7-13,2	S	2,7	PBR	< 1.22	> 20dB	35,8	36,0	36,2	35	--
GHP2-127D	12,7-13,2	D	2,7	PBR	< 1.22	> 20dB	35,8	36,0	36,2	35	> 40dB
GHP2-140S	14,0-15,5	S	2,4	PBR	< 1.22	> 20dB	36,7	37	37,5	35	--
GHP2-140D	14,0-15,5	D	2,4	PBR	< 1.22	> 20dB	36,7	37	37,5	35	> 40dB
GHP2-170S	17,0-17,5	S	2,0	PBR	< 1.22	> 20dB	38,3	38,4	38,6	38	--
GHP2-170D	17,0-17,5	D	2,0	PBR	< 1.22	> 20dB	38,3	38,4	38,6	38	> 40dB
GHP2-212S	21,2-23,6	S	1,5	PBR	< 1.22	> 20dB	40,2	40,7	41,2	38	--
GHP2-212D	21,2-23,6	D	1,5	PBR	< 1.22	> 20dB	40,2	40,7	41,2	38	> 40dB
GHP2-245S	24,5-26,5	S	1,3	PBR	< 1.22	> 20dB	41,5	41,8	42,2	38	--
GHP2-245D	24,5-26,5	D	1,3	PBR	< 1.22	> 20dB	41,5	41,8	42,2	38	> 40dB
* Isolamento tra la porta H e la porta V / Decoupling between H and V input											

MOUNTING INFORMATION

HP2	A [mm]	B [mm]
Diam. 2ft / 0,6m	377	312

