

Standard & High Performance Plane - Dual Polarized Unlicensed "NII" and Spread Spectrum / "ISM" Bands

(National Information Infrastructure) (Industrial, Scientific & Medical)

Facts & Features

- Gabriel Quality and Dependability.
- Innovative Feed Design.
- Feed input is Type N Female, 50 ohm.
- Isolation is 35 dB on Dual Polarized models.
- Optional radomes available.
- 2 ft. (0.6) model feeds are installed from the front of the antenna. 4 ft. (1.2), 6 ft. (1.8) and 8 ft. (2.4) model feeds are installed from the rear of the antenna, and allow for inspection or replacement from the rear.

These models allow for smooth polarization adjustment from the back of the antenna.

- Gabriel's Quick Align Mount comes standard on the SSP2, SSD2 and HSSP2 models. This mount allows for quick installation and easy alignment of the antenna with two hand tools. The Quick Align Mount will mount to a 1.9 - 4.5 in OD mast pipe.
- New environmentally pleasing neutral colors.
- Dual band models are available.

Electrical Specifications

Frequency GHz	Model Number	Size ft (m)	Standard	Low	Gain at			Nominal Mid-Band Beamwidth degrees	XPD dB	F/B ratio dB	VSWR max.	(R.L. dB)
					Mid dBi	High	High					
Standard - Plane Polarized												
5.250 - 5.850	SSP2-52B	2 (0.6)	-	28.1	28.5	29.0	6.1	25	38	1.50	(14.0)†	
	SSP4-52B	4 (1.2)	-	33.6	34.2	34.6	3.1	30	46	1.50	(14.0)†	
	SSP6-52A	6 (1.8)	-	37.0	37.5	38.0	2.1	30	49	1.50	(14.0)†	
	SSP8-52	8 (2.4)	-	39.4	39.8	40.3	1.6	30	52	1.50	(14.0)†	
Standard - Dual Polarized												
5.250 - 5.850	SSD2-52A	2 (0.6)	-	28.0	28.4	28.9	6.1	30	38	1.50	(14.0)†	
	SSD4-52A	4 (1.2)	-	33.5	34.1	34.5	3.1	30	46	1.50	(14.0)†	
	SSD6-52	6 (1.8)	-	36.9	37.4	37.9	2.1	30	49	1.50	(14.0)†	
	SSD8-52	8 (2.4)	-	39.3	39.7	40.2	1.6	30	52	1.50	(14.0)†	
High Performance - Plane Polarized												
5.250 - 5.850	HSSP2-52	2 (0.6)	-	27.7	28.1	28.6	6.1	30	43	1.50	(14.0)†	
	HSSP4-52	4 (1.2)	-	33.3	33.9	34.3	3.1	30	50	1.50	(14.0)†	
	HSSP6-52	6 (1.8)	-	36.7	37.2	37.7	2.1	30	58	1.50	(14.0)†	
	HSSP8-52	8 (2.4)	-	39.2	39.6	40.1	1.6	30	62	1.50	(14.0)†	

See the Special Application section of this catalog for Gabriel's Directional Flat Panel antennas for Spread Spectrum operation.



Gabriel "UNII" and "ISM" Band
2-ft. (0.6 m) - Plane Polarized - Standard Parabolic Antenna

Associated Equipment Information

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NOTE:

- † Improved VSWR available.
Product information subject to change without notice.