

Gabriel electronics
INCORPORATED

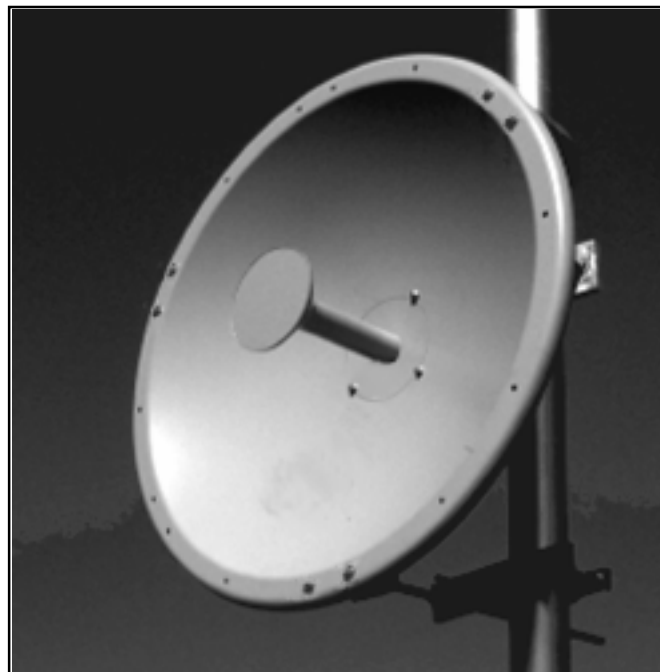
NEW

**Plane & Dual Polarized
Unlicensed "NII" and "ISM" Bands
(National Information Infrastructure)
(Industrial, Scientific and Medical)
Solid Parabolic Antennas
5.250 - 5.850 GHz**

Gabriel's New Plane and Dual Polarized "NII" and "ISM" band microwave antennas combine competitive electrical characteristics with very affordable pricing. These antenna models are a cost effective alternative and our antenna designs carry 55 years of mechanical and electrical design experience.

Both Plane and Dual Polarized solid parabolic models are available in 2-ft. (0.6) and 4-ft. (1.2) diameters while employing new state of the art feed designs which terminate with Type "N" connectors.

The "NII" and "ISM" band models are designed and manufactured to Gabriel's high quality standards and the models offered are available for short interval delivery. Rapid deployment is one of the major advantages of these types of communication products and Gabriel is here to support your short lead time programs with these new antennas.



Gabriel "NII" and "ISM" Band
2-ft. (0.6 m) - Plane Polarized - Standard Parabolic Antenna
Gabriel offers a complete line of coaxial cable, cable connectors, and accessories. Call your Gabriel Sales Engineer for more details.

Facts & Features

- Gabriel Quality and Dependability.
- Innovative Feed Design.
- Type N Female coax connectors, 50 ohm.
- Isolation is 35dB on Dual Polarized models.
- Optional radomes available.
- Feeds are easily installed from the rear of the antenna, and allow for inspection or replacement from the rear. Smooth polarization adjustment is also obtained from the rear of the antenna.
- All aluminum backstructure is designed for most advantageous strength and weight combination.
- New environmentally pleasing neutral color.

Antenna Electrical Specifications

Frequency GHz	Model Number	Diameter ft (m)	Standard	Low	Gain at Mid dBi	High	Nominal Mid-Band Beamwidth degrees	XPD dB	F/B ratio dB	VSWR max.	(R.L. dB)
Standard (Solid) Parabolic - Plane Polarized - without radome											
5.250 - 5.850	SSP2-52A	2 (0.6)	-	28.1	28.5	29.0	6.1	25	38	1.50*	(14.0)
	SSP4-52A	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)
Standard (Solid) Parabolic Antenna - Dual Polarized - without radome											
5.250 - 5.850	SSD2-52	2 (0.6)	-	28.0	28.4	28.9	6.1	30	38	1.50*	(14.0)
	SSD4-52	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)

Optional Radome Specifications

Model Number	Diameter ft (m)	Attenuation @ 5 GHz (dB)	VSWR Contribution @ 5 GHz
M2C-1SE	2 (0.6)	0.4	0.03
M4C-1SE	4 (1.2)	0.4	0.03
M6C-1SE	6 (1.8)	0.5	0.03

* Improved VSWR available.
Product information subject to change without notice.
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