

5 GHz - Spread Spectrum / NII Band

Directional Flat Panel Antenna

(for Point-to-Point applications)

Facts & Features

- Gabriel Quality and Dependability.
- Lightweight and durable construction.
- Quick and easy installation.
- Feed input, Type N Female connector. (Other types available on request.)
- Input connector positioned on back of antenna assembly.
- Antenna supplied with paintable rigid radome.
- All Gabriel antennas meet or exceed Standards EIA-195-C and EIA-222-F.
- Antenna accommodates +/-20° elevation adjustment. (Specific installation limitations may apply.)
- Mini-Mounts accommodate a 1.9 in. to 4.5 in. (48 to 114 mm) O.D. mast pipe. Quick-Align Mounts mount to a 2.375 in. (60 mm) O.D. mast pipe. An optional 1.9 in. (48 mm) to 4.5 in. (114 mm) Mast Clamp Kit is available on request for the Quick-Align Mount.
- To adapt the Quick Align Mount for use on a 1.9 in. to 4.5 in. O.D. mast pipe order Mast Clamp Kit MCKQ-19-45
- Special colors and / or logos available on request.
- Dual band models are available on request.



5 GHz Directional Flat Panel Antenna

Associated Equipment Information	Pages
Point-to-Point Antenna Specifications	14 - 111
Special Application Antennas	135 - 145
Antenna Mounts & Reference Dimensions	112 - 134
Radomes	122 - 124
Tower Accessories	146 - 154
Transmission Lines	155 - 243
Dry Air Pressurizers	244 - 253

Electrical Specifications

Frequency GHz	Model Number	Diameter ft (m)	Mount Type	Low	Gain at Mid dBi	High	Nominal Mid-Band Beamwidth degrees	XPD dB	F/B ratio dB	VSWR max.	(R.L. dB)
------------------	-----------------	--------------------	---------------	-----	-----------------------	------	---	-----------	--------------------	--------------	--------------

Diagonal - Directional Flat Panel - Plane Polarized

5.250 - 5.850	DFPS.5-52**	0.5	(0.15)	MM	17.5	18.0	18.4	19.0	30	35	1.50	(14.0)
	DFPD1-52	1	(0.3)	MM	23.0	23.5	23.9	9.4	30	43	1.50	(14.0)
	DFPD1-52 (M1)	1	(0.3)	OAM	23.0	23.5	23.9	9.4	30	43	1.50	(14.0)
	DFPD2-52	2	(0.6)	OAM	27.5	28.0	28.4	4.6	30	46	1.50	(14.0)

MM	=	Mini - Mount
OAM	=	Quick Align Mount

** Note:

The DFPS.5-52 antenna model is square in configuration.

NOTE:
Product information subject to change without notice.
Other polarization configurations available.