

4.940 – 4.990 GHz High Performance

4.940 – 4.990 GHz Parabolic

Features:

- Public Safety Band
- Solids & High Performance.
- mWAVE – Gabriel “Best In Class” Quality and Dependability .
- Type “N” Female connector, 50 ohm.
- **QuickFire™** feeds allow for easy installation and inspection.
- mWAVE – Gabriel antennas meet or exceed Standard ANSI/TIA-222.
- 2-foot (0.6-m) models are supplied with mWAVE – Gabriel’s Patented **Quick Align Mount™**.
- The feed assembly on 2-ft (0.6-m) models is front insert-able.



Electrical Specifications

Frequency GHz	Model No.	Pol.	Size		Mnt	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m		Low	Mid	High					
4.940 – 4.990	HQF2-49-N	LP	2	0.6	QAM	26.2	26.2	26.2	6.4	25	40	1.35:1	16.5
	HQF3-49-N	LP	3	0.9	QAM	29.8	29.8	29.8	4.2	27	45	1.35:1	16.5
	HQF4-49-N	LP	4	1.2	SM	32.4	32.4	32.4	3.2	28	50	1.35:1	16.5
	HQF6-49-N	LP	6	1.8	SM	35.8	35.8	35.8	2.1	28	56	1.35:1	16.5
4.940 – 4.990	HQFD2-49-N	DP	2	0.6	QAM	26.1	26.1	26.1	6.4	25	40	1.40:1	15.5
	HQFD3-49-N	DP	3	0.9	QAM	29.6	29.6	29.6	4.2	27	45	1.40:1	15.5
	HQFD4-49-N	DP	4	1.2	SM	32.0	32.0	32.0	3.2	28	50	1.40:1	15.5
	HQFD6-49-N	DP	6	1.8	SM	35.7	35.7	35.7	2.1	28	56	1.40:1	15.5

Notes:

1. Mount types
 - a. QAM = Quick Align Mount
 - b. SM = Standard Mount
2. Patents and Trademarks pending.
3. Copyright mWAVE Industries LLC – Gabriel Antennas
4. **QuickFire™** and **Quick Align Mount™** are trademarks of mWAVE Industries LLC - Gabriel Antennas.