

## 4.940 – 5.850 GHz High Performance

### Features:

- Spread Spectrum – Unlicensed 5 GHz Band
- Public Safety – Licensed 4.9 GHz 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 insertable.



4.940 – 5.850 GHz Parabolic

### Electrical Specifications

Model No.	Frequency GHz	Pol.	Size		Mnt	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m		Low	Mid	High					
HQF2-54	4.940 – 4.990	LP	2	0.6	QAM	26.2	26.2	26.2	6.4	25	40	1.50:1	14.0
	5.250 – 5.850	LP	2	0.6	QAM	27.8	28.2	28.7	5.7	28	43	1.50:1	14.0
HQF3-54	4.940 – 4.990	LP	3	0.9	QAM	29.8	29.8	29.8	4.2	28	45	1.50:1	14.0
	5.250 – 5.850	LP	3	0.9	QAM	30.7	31.1	31.6	3.7	28	47	1.50:1	14.0
HQF4-54	4.940 – 4.990	LP	4	1.2	SM	32.4	32.4	32.4	3.2	28	50	1.50:1	14.0
	5.250 – 5.850	LP	4	1.2	SM	34.0	34.4	34.9	2.8	28	52	1.50:1	14.0
HQF6-54	4.940 – 4.990	LP	6	1.8	SM	35.8	35.8	35.8	2.1	28	56	1.50:1	14.0
	5.250 – 5.850	LP	6	1.8	SM	37.0	37.4	37.9	1.9	28	58	1.50:1	14.0
HQFD2-54	4.940 – 4.990	DP	2	0.6	QAM	26.1	26.1	26.1	6.4	25	40	1.50:1	14.0
	5.250 – 5.850	DP	2	0.6	QAM	27.7	28.1	28.6	5.7	28	43	1.50:1	14.0
HQFD3-54	4.940 – 4.990	DP	3	0.9	QAM	29.6	29.6	29.6	4.2	27	45	1.50:1	14.0
	5.250 – 5.850	DP	3	0.9	QAM	30.5	30.9	31.4	3.7	28	47	1.50:1	14.0
HQFD4-54	4.940 – 4.990	DP	4	1.2	SM	32.0	32.0	32.0	3.2	28	50	1.50:1	14.0
	5.250 – 5.850	DP	4	1.2	SM	33.9	34.3	34.8	2.8	28	52	1.50:1	14.0
HQFD6-54	4.940 – 4.990	DP	6	1.8	SM	35.7	35.7	35.7	2.1	28	56	1.50:1	14.0
	5.250 – 5.850	DP	6	1.8	SM	36.9	37.3	37.8	1.9	28	58	1.50:1	14.0

Manufactured by



QAM = Quick Align Mount  
SM = Standard Mount  
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