

7.750 – 8.500 GHz - High Performance

Features:

- 7.750 – 8.500 GHz Band
- Solids & High Performance models.
- Single & Dual Polarized models.
- 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.



7.750 – 8.500 GHz

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					
High Performance – Single Polarized – Type N Input													
HQF2L-77-N	7.750 – 8.500	LP	2	0.6	QAM	31.4	31.8	32.2	3.8	25	50	1.20:1	20.8
HQF4L-77-N	7.750 – 8.500	LP	4	1.2	SM	37.0	37.4	37.8	2.0	30	64	1.20:1	20.8
HQF6L-77-N	7.750 – 8.500	LP	6	1.8	SM	40.6	41.0	41.4	1.4	30	66	1.20:1	20.8
High Performance – Dual Polarized – Type N Input													
HQFD2L-77-N	7.750 – 8.500	DP	2	0.6	QAM	31.3	31.7	32.1	3.8	25	50	1.25:1	19.1
HQFD4L-77-N	7.750 – 8.500	DP	4	1.2	SM	36.9	37.3	37.7	2.0	30	64	1.25:1	19.1
HQFD6L-77-N	7.750 – 8.500	DP	6	1.8	SM	40.5	40.9	41.3	1.4	30	66	1.25:1	19.1

Manufactured by



QAM = Quick Align Mount
SM = Standard Mount
QuickFire™ and **Quick Align Mount™** are trademarks of
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