



## 5.250 - 5.850 GHz Spread Spectrum UNII Band

### Panels, Solids & High Performance Antennas

### Plane & Dual Polarized feeds terminate with Type N - Female (CPR-137G version available)

#### Facts & Features

- Gabriel "Best In Class" Quality and Dependability.
- **New** Innovative Feed Designs.
- Type "N" Female connector, 50 ohm.
- QuickFire™ feeds allow for easy installation and inspection.
- Gabriel antennas meet or exceed Standards EIA/TIA-195-C and EIA/TIA-222-F.
- 2-foot (0.6-m) models are supplied with Gabriel's Patented Quick Align Mount™.
- The feed assembly on 2-ft. models is front insertable.



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

#### New 2.5 ft. QuickFire™ Product

#### 5.250 - 5.850 GHz

QF2.5-52-N	2.50 (0.76)	SM	30.7	31.2	31.6	4.4	35	38	1.35:1 (16.5)
QF2.5-52-P	2.50 (0.76)	SM	30.7	31.2	31.6	4.4	35	38	1.35:1 (16.5)
QF2.5-52-N	2.50 (0.76)	SM	30.6	31.1	31.5	4.4	35	38	1.40:1 (15.5)
QF2.5-52-P	2.50 (0.76)	SM	30.6	31.1	31.5	4.4	35	38	1.40:1 (15.5)

#### Standard - Plane Polarized - Type N

QF2-52-N	2 (0.6)	QAM	28.1	28.5	29.0	5.6	28	35	1.35 (16.5)
QF2-52-N-RK	2 (0.6)	QAM	28.1	28.5	29.0	5.6	28	35	1.35 (16.5)
QF4-52-N	4 (1.2)	SM	34.4	34.8	35.3	2.7	28	42	1.35 (16.5)
QF4-52-N-RK	4 (1.2)	SM	34.4	34.8	35.3	2.7	28	42	1.35 (16.5)
QF6-52-N	6 (1.8)	SM	37.4	37.8	38.3	1.9	28	46	1.35 (16.5)
QF8-52-N	8 (2.4)	SM	39.4	39.8	40.3	1.6	28	48	1.35 (16.5)

#### Standard - Dual Polarized - Type N

QFD2-52-N	2 (0.6)	QAM	28.0	28.4	28.9	5.6	28	35	1.40 (15.5)
QFD2-52-N-RK	2 (0.6)	QAM	28.0	28.4	28.9	5.6	28	35	1.40 (15.5)
QFD4-52-N	4 (1.2)	SM	34.3	34.7	35.2	2.7	28	42	1.40 (15.5)
QFD4-52-N-RK	4 (1.2)	SM	34.3	34.7	35.2	2.7	28	42	1.40 (15.5)
QFD6-52-N	6 (1.8)	SM	37.3	37.7	38.2	1.9	28	46	1.40 (15.5)
QFD8-52-N	8 (2.4)	SM	39.3	39.7	40.2	1.6	28	48	1.40 (15.5)

#### High Performance - Plane Polarized - Type N

HQF2-52-N	2 (0.6)	QAM	27.8	28.2	28.7	5.7	28	43	1.35 (16.5)
HQF4-52-N	4 (1.2)	SM	34.0	34.4	34.9	2.8	28	52	1.35 (16.5)
HQF6-52-N	6 (1.8)	SM	37.0	37.4	37.9	1.9	28	58	1.35 (16.5)
HQF8-52-N	8 (2.4)	SM	39.1	39.5	40.0	1.6	28	62	1.35 (16.5)

#### High Performance - Dual Polarized - Type N

HQFD2-52-N	2 (0.6)	QAM	27.7	28.1	28.6	5.7	28	43	1.40 (15.5)
HQFD4-52-N	4 (1.2)	SM	33.9	34.3	34.8	2.8	28	52	1.40 (15.5)
HQFD6-52-N	6 (1.8)	SM	36.9	37.3	37.8	1.9	28	58	1.40 (15.5)
HQFD8-52-N	8 (2.4)	SM	39.0	39.4	39.9	1.6	28	62	1.40 (15.5)

**NOTE:** \* Panels supplied with Quick Align Mount™ mate to a 2.375 inch OD mast pipe.  
 \*\* DFPS.5-52 mounts in a square orientation.  
 MM= Mini - Mount  
 QAM = Quick Align Mount  
 SM = Standard Mount  
 Patents and Trademarks pending.  
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Product information subject to change without notice.

