



5 GHz Directional Flat Panel Antenna

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### Electrical Specifications

| Frequency<br>GHz | Model<br>Number | Diameter<br>ft (m) | Mount<br>Type | Low | Gain at<br>Mid<br>dBi | High | Nominal<br>Mid-Band<br>Beamwidth<br>degrees | XPD<br>dB | F/B<br>ratio<br>dB | VSWR<br>max. | (R.L.<br>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) |
|               | DFFD1-52      | 1 (0.3)    | MM  | 23.0 | 23.5 | 23.9 | 9.4  | 30 | 43 | 1.50 | (14.0) |
|               | DFFD1-52 (M1) | 1 (0.3)    | QAM | 23.0 | 23.5 | 23.9 | 9.4  | 30 | 43 | 1.50 | (14.0) |
|               | DFFD2-52      | 2 (0.6)    | QAM | 27.5 | 28.0 | 28.4 | 4.6  | 30 | 46 | 1.50 | (14.0) |

|     |   |                   |
|-----|---|-------------------|
| MM  | = | Mini - Mount      |
| QAM | = | Quick Align Mount |

\*\* Note:

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

### 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.

NOTE:  
Product information subject to change without notice.