



### DUAL DIRECTIONAL CEILING MOUNT ANTENNA

Laird recently engineered a dual directional PCS band antenna for ceiling mount applications where directional coverage at 180° and low visibility are desirable. The antenna housing is molded from UV stabile thermoplastic. Standard models are white in color with a textured finish. Custom configurations of radome finish, color and texture can be provided to compliment and blend with any environment.

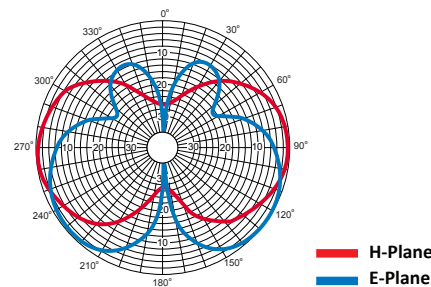
The antenna is a perfect choice to use with microcells, picocells and RF distribution systems where directional coverage is desirable from a mounting location overhead. Applications for the array include hallways or tunnels within industrial complexes, office complexes, shopping malls, parking garages, airports, hospitals and campus settings and subway systems.

### FEATURES

- 180° directional coverage
- Ceiling / surface mount
- UV stabile thermoplastic

### MARKETS

- Industrial and educational complexes
- Healthcare centers and office buildings
- Shopping malls
- Transportation centers



| PARAMETER           | SQ1855DD12NF             | SQ1715DD12NF             |
|---------------------|--------------------------|--------------------------|
| Frequency (MHz)     | 1850 - 1990              | 1710 - 1880              |
| Gain (dBd)          | 5                        | 5                        |
| VSWR                | 1.5:1                    | 1.5:1                    |
| Polarization        | Vertical Linear          | Vertical Linear          |
| Beamwidth E-Plane   | 65°                      | 65°                      |
| Beamwidth H-Plane   | 70° Dual Directional     | 70° Dual Directional     |
| RF connector (f)    | N                        | N                        |
| Dimensions in. (cm) | 6x6x1.25 (15.2x15.2x3.2) | 6x6x1.25 (15.2x15.2x3.2) |
| Mount               | Ceiling / Surface        | Ceiling / Surface        |
| Power (Watts)       | 50                       | 50                       |
| Weight lb (kg)      | 0.65 (0.3)               | 0.65(0.3)                |

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