





6.425 - 7.125 GHz, Dual Beam Antennas

Antenna Inputs. All antenna VSWR values are specified with CPR flange. Other optional flanges may result in equal or slightly higher VSWR. Contact Andrew for details.
Pressurization. Feeds are pressurizable to 10 lb/in² (70 kPa).

| Type Number | Diameter ft (m) | RPE Number(s) | Regulatory Compliance | | | Gain, dBi | Beamwidth Degrees | Cross Pol. Disc., dB | F/B Ratio dB | VSWR max. (R.L., dB) | | | | |
|--|---|--|-----------------------|-------------|-------------|-----------|-------------------|----------------------|--------------|----------------------|------------|-----------|----|-------------|
| | | | U.S. FCC 101 | U.S. FCC 74 | U.S. FCC 78 | | | | | | ETSI Class | ETSI Gain | | |
| HDH HDV |  | High Performance Dual-Beam (Angle Diversity) Antennas - Hypalon Radome Included – Horizontal Polarization Antenna Input: CPR137G | | | | | | | | | | | | |
| HDH6-65 | 6 (1.8) | 1884 1885 | B | B | - | - | - | 39.4 | 39.7 | 40.0 | 1.9 | 30 | 60 | 1.08 (28.3) |
| HDH8-65 | 8 (2.4) | 1893 1892 | B | A | - | - | - | 42.1 | 42.4 | 42.7 | 1.5 | 30 | 65 | 1.06 (30.7) |
| HDH10-65 | 10 (3.0) | 1900 1901 | B | A | - | - | - | 43.6 | 43.9 | 44.2 | 1.2 | 26 | 66 | 1.06 (30.7) |
| HDH12-65 | 12 (3.7) | 1908 1909 | A | A | - | - | - | 45.0 | 45.3 | 45.6 | 0.9 | 30 | 70 | 1.06 (30.7) |
| High Performance Dual-Beam (Angle Diversity) Antennas - Hypalon Radome Included – Vertical Polarization Antenna Input: CPR137G | | | | | | | | | | | | | | |
| HDV6-65 | 6 (1.8) | 1880 1881 | B | B | - | 2 | 2 | 39.4 | 39.7 | 40.0 | 1.9 | 29 | 65 | 1.08 (28.3) |
| HDV8-65 | 8 (2.4) | 1888 1889 | B | A | - | - | - | 42.1 | 42.4 | 42.7 | 1.5 | 30 | 62 | 1.06 (30.7) |
| HDV10-65 | 10 (3.0) | 1896 1897 | B | A | - | - | - | 43.6 | 43.9 | 44.2 | 1.2 | 30 | 66 | 1.06 (30.7) |
| HDV12-65 | 12 (3.7) | 1904 1905 | A | A | - | - | - | 45.0 | 45.3 | 45.6 | 0.9 | 30 | 67 | 1.06 (30.7) |
| PDH PDV |  | Standard, Dual-Beam (Angle Diversity) Antennas – Horizontal Polarization Antenna Input: CPR137G | | | | | | | | | | | | |
| PDH6-65 | 6 (1.8) | 1778 1779 | - | - | - | - | - | 39.4 | 39.7 | 40.0 | 1.9 | 30 | 46 | 1.08 (28.3) |
| PDH8-65 | 8 (2.4) | 1786 1787 | B | B | - | - | - | 42.1 | 42.4 | 42.7 | 1.5 | 30 | 55 | 1.06 (30.7) |
| PDH10-65 | 10 (3.0) | 1794 1795 | B | A | - | - | - | 43.6 | 43.9 | 44.2 | 1.2 | 30 | 60 | 1.06 (30.7) |
| PDH12-65 | 12 (3.7) | 1743 1744 | B | A | - | - | - | 45.0 | 45.3 | 45.6 | 0.9 | 30 | 53 | 1.06 (30.7) |
| Standard, Dual-Beam (Angle Diversity) Antennas – Vertical Polarization Antenna Input: CPR137G | | | | | | | | | | | | | | |
| PDV6-65 | 6 (1.8) | 1774 1775 | - | - | - | - | - | 39.4 | 39.7 | 40.0 | 1.9 | 29 | 54 | 1.08 (28.3) |
| PDV8-65 | 8 (2.4) | 1782 1783 | B | B | - | 1 | 2 | 42.1 | 42.4 | 42.7 | 1.5 | 30 | 55 | 1.06 (30.7) |
| PDV10-65 | 10 (3.0) | 1790 1791 | B | A | - | - | - | 43.6 | 43.9 | 44.2 | 1.2 | 30 | 60 | 1.06 (30.7) |
| PDV12-65 | 12 (3.7) | 1739 1740 | B | A | - | - | - | 45.0 | 45.3 | 45.6 | 0.9 | 30 | 60 | 1.06 (30.7) |
| Standard, Dual-Beam (Angle Diversity) Antennas – Vertical/Horizontal, Sum and Difference Mode Antenna Input: CPR137G | | | | | | | | | | | | | | |
| PDH8S-65 | 8 (2.4) | 1788 1789 | - | - | - | - | - | 40.0 | 39.8 | 39.8 | 1.3 | 30 | 51 | 1.08 (28.3) |
| PDV8S-65 | 8 (2.4) | 1784 1785 | - | - | - | - | - | 40.0 | 39.8 | 39.8 | 1.3 | 30 | 57 | 1.06 (30.7) |

Reference ETSI Document EN300833 for 3 to 60 GHz