VHF EXPOSED DIPOLES











138-174 MHz

F-33030-D

The F-33030-D is a Wide Band Omnidirectional Antenna specifically designed for trunked multicoupled and X-pass systems applications. This antenna is extremely rugged and is well suited for use in severe environmental conditions. This antenna is a Low Intermod design that incorporates a minimum of moveable joints in its construction and replaces standard castings with heavy duty welded joints.

- The F-33030-D has internal cabling design and is not field adjustable.
- Passive Intermodulation Specification is measured in the third order intermodulation products, using two 20 watts (+43 dBm) Carriers.

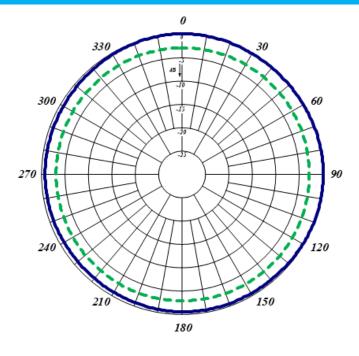
| F-33030-D |
|--|
| 138-174 |
| 6 |
| 8 |
| 36 |
| Vertical |
| Omni |
| 500 |
| 50 |
| DC Ground |
| -107 dBm (-150 dBc) |
| 7/16 DIN male connector attached to end of 118 in (3000 mm) RG-214 Cable |
| F-33030-D |
| 246 (6248) |
| 30 (762) |
| 148 (67.1) |
| 697 (316 kg) |
| 8521 (11563) |
| 1142 (5078) |
| Aluminum 6061-T6 |
| 12,83 (1,193) |
| Mast 4,5" (114 mm) O.D. |
| |



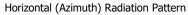


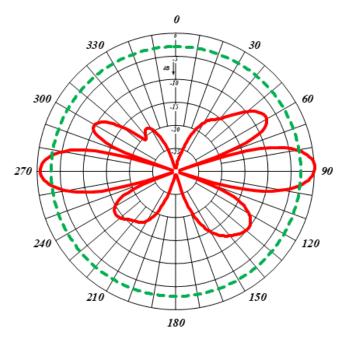
Tel: US 1.877.825.2007 / CAN 1.800.603.1454

Email: sales@comprodcom.com Fax: 1.800.554.1033









Vertical (Elevation) Radiation Pattern

NOTE

These mechanical specifications where obtained using the requirements of CAN/CSA-S37-01 Standard "Antenna, Towers and Antenna-Supporting Structures".

 Wind zone
 Class D (1000 Pa)

 Ice Zone
 Class III (40 mm)

 Reliability
 Class I (Importance factor 1)

Lateral thrust, torsionnal moment and bending moment are base on worst case conditions (non-factored loads)

