

|                                  |                                 |
|----------------------------------|---------------------------------|
| Sturdy construction              | Construccion robusta            |
| First class materials            | Materiales de primera calidad   |
| Stainless steel bolts and screws | Tornilleria en acero inoxidable |
| 28 aluminum pipes                | Tubos de 28mm en aluminio       |
| N female                         | Conector N                      |
| Deumontable                      | Desmontable                     |
| Low cost                         | Bajo costo                      |
| Broadband                        | Banda ancha                     |
| Low weight                       | Bajo peso                       |
| Easy assembly                    | Facil montaje                   |



|                             |   |   |
|-----------------------------|---|---|
| <b>Max power</b>            | <b>Potencia maxima</b>                                    | <b>500W N female / hembra</b>                 |
| <b>Frequency</b>            | <b>Frecuencia</b>   | <b>87.5 - 108 Mhz - Banda ancha/broadband</b> |
| <b>VSWR</b>                 | <b>VSWR</b>   | <b>&gt;1.4:1</b>                              |
| <b>Gain *</b>               | <b>Ganancia *</b>   | <b>4.5 dB</b>                                 |
| <b>Polaritation</b>         | <b>Polarizacion</b>                                       | <b>Vertical</b>                               |
| <b>Weight</b>               | <b>Peso</b>   | <b>3,5 Kgrms</b>                              |
| <b>Impedance</b>            | <b>Impedancia</b>   | <b>50 Ohms</b>                                |
| <b>Wind load</b>            | <b>Carga al viento</b>                                    | <b>13 Kgrms @ 160 Km/h</b>                    |
| <b>Max wind speed</b>       | <b>Maxima Velocidad viento</b>                            | <b>150 Km / h</b>                             |
| <b>Ligthning Protection</b> | <b>Proteccion</b>   | <b>Grounded</b>                               |
| <b>Vertical amplitude</b>   | <b>Amplitud vertical</b>                                  | <b>68° @ -3dB E plane</b>                     |
| <b>Mounting Brackets</b>    | <b>Soportes a mastil</b>                                  | <b>30 / 60 mm</b>                             |
| <b>Dimensions</b>           | <b>Dimensiones</b>  | <b>160 X 1450 X 40 Cm</b>                     |
| <b>Materials</b>            | <b>Aluminun, brass,Teflon<br/>Aluminio.Laton y Teflon</b> |   |

## Technical data / Datos tecnicos

| Dipolos<br>Dipolos<br># | Gain<br>Ganancia | Weight<br>Peso<br>Kgrms | V<br>Amplitud | Wind load<br>Carga al viento<br>Kgrms @ 160Km/h | Max. Power<br>Potencia Max<br><br>N | Tower Space<br>Espacio torre<br>Meters / Metros |
|-------------------------|------------------|-------------------------|---------------|---|-------------------------------------|---|
| 1                       | 4,5 dB           | 3,5 Kgrms               | 68°           | 13  | 0.6 Kw                              | -----   |
| 2                       | 7,4 dB           | 7 Kgrms                 | 34°           |   | 1.2 Kw                              | 2,50  |
| 4                       | 10,3 dB          | 14 Kgrms                | 17°           |   | 2.4 Kw                              | 7.5   |
| 6                       | 11,5 dB          | 21Kgrms                 | 12°           |   | 3.6 Kw                              | 12.5  |
| 8                       | 13 dB            | 28 Kgrms                | 7°            |   | 4.6 Kw                              | 17.5  |

