

**767 006**  
OMNIDIRECTIONAL ANTENNA  
5 dBd gain  
470–860 MHz

**Specifications:**

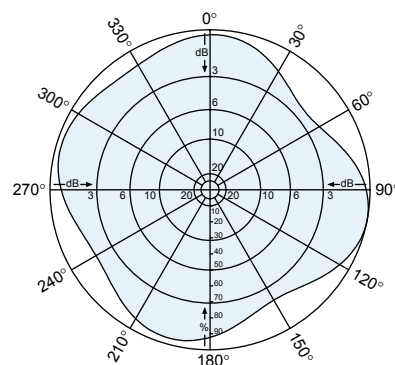
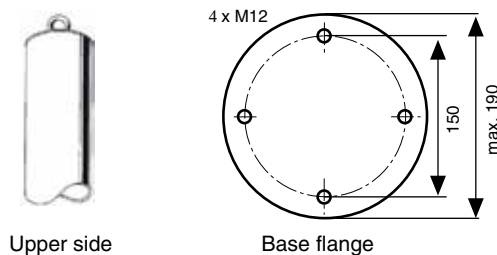
|                       |                         |
|-----------------------|-------------------------|
| Frequency range       | 470–860 MHz             |
| Gain                  | 5 dBd (at mid-band)     |
| Impedance             | 50 ohms                 |
| VSWR                  | <1.1:1                  |
| Polarization          | Horizontal              |
| Maximum input power   | 1 kW (at 50° C)         |
| Azimuth pattern       | Omni                    |
| Elevation pattern     | 22 degrees (half-power) |
| Electrical downtilt   | 0 degrees               |
| Connector             | 7-16 DIN female         |
| Weight                | 44.1 lb (20 kg)         |
| Height                | 45.3 inches (1150 mm)   |
| Radome diameter       | 11.8 inches (300 mm)    |
| Wind load             | at 100 mph (160 kph)    |
| Front/Side/Rear       | 65 lbf (285 N)          |
| Wind survival rating* | 140 mph (225 kph)       |

\*Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

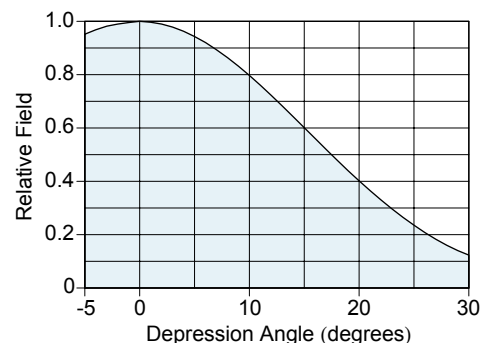
- Material:** Omnidirectional antenna in protective fiberglass radome with a diameter of 300 mm.
- Flange:** Aluminum.
- Attachment:** Onto tubular masts of 100–16 mm by using the attachement accessory 768 853 (see photo).
- Grounding:** Via mounting parts.



Picture shows the antenna with the optional adapter 768 853



Azimuth pattern (E-plane)



Typical elevation pattern (H-plane)



11383-A  
936.1202/c