

PR-17/21 Standard Parabolic Antenna is widely used for terrestrial microwave communication systems where high front to back ratios and high directivity are not required. Each antenna is characterized by high gain, low VSWR and reduced cost.

PR-17/21 parabolic antenna is suitable for terrestrial microwave communication system operating in the 1.7 to 2.7 GHz frequency bands.

Broadcast applications. The PR-17/21 antenna provides a cost-effective solution for digital or analog broadcast applications.

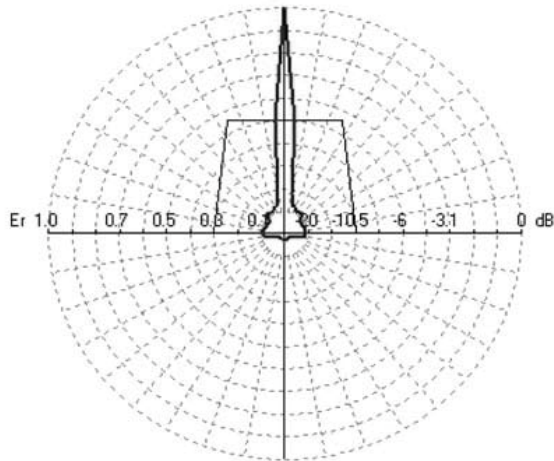
Easy installation. The low total weight and the special mounting systems make easier the installation and reduce tower load.

Antenna finish. Special antenna colour is available to match the local surroundings.

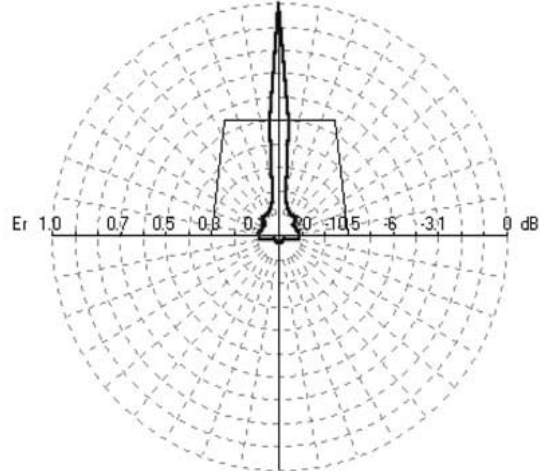


R.F. Data:

Horizontal pattern for PR antenna

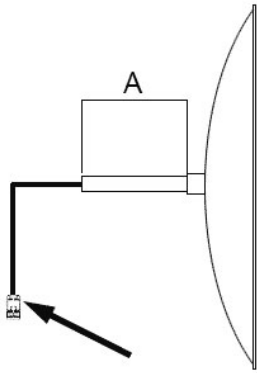


Vertical pattern for PR antenna

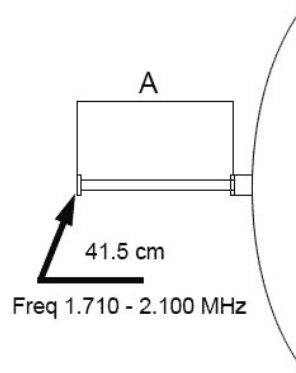


PR-17/21

R.F. Data:	
Frequency (Ghz) Gain (dBi)	1.7 24.5
Max power handling	500W
Impedance:	50 ohms
Radiation Angle (-3 dB)	6.93°
Mechanicals	
Diameter Feeder adaptor diameter Materials Mounted bracket Wind load	1.36 meters 100 mm flange Painted aluminum diameter 40/115 mm 2. 98



A Request, Cable RG214NM-NF



A= Length (in cm) of the radiator mounting tube projecting from the brush on the rear side of the dish
Freq 1.710 - 2.100 MHz

INSTALLATION NOTE:

WARNING:

There could be some cutting parts on the antenna rear side edges and due to the special metal-working and treatments adopted. Please use protection gloves to handle the antenna.
The radiator connectors must be protected against humidity by means of Self Bonding Electrical Tape, type SCOTCH 3M 23.
We suggest the installation personnel to carry out a 3mm diameter hole in the radiator lower side protective shell, to permit the water condensate to flow out.

