

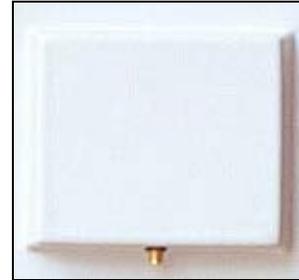


PT-1700

1.70-1.99 GHz Panel Antenna

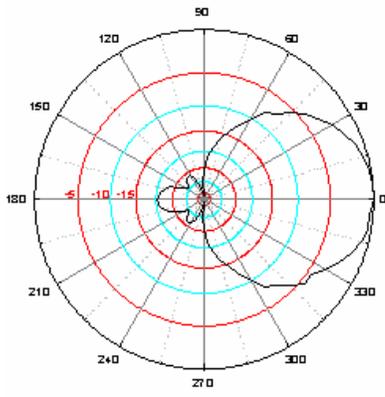
9.5 dBi

Panel antenna PT-1700 will give you an excellent extended range and 9.5 dB gain in 1.7 GHz- 1.9 GHz band. This antenna can be used for both- transmitters and receivers for 1700 MHz. Dimension of this antenna is 6" X 5 " X 0.6". Antenna PT-1700 has an SMA connector. This antenna has excellent performances in 1700 MHz-1900 MHz range.

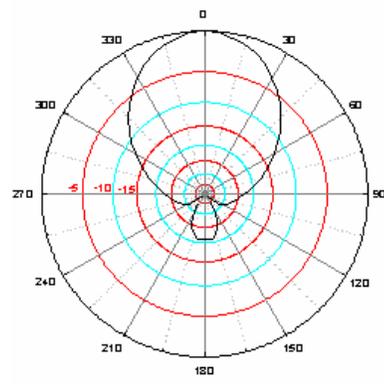


Electrical and Mechanical Specifications	
Frequency Range	1700 - 1990 MHz
Impedance	50 W
VSWR (or Return Loss)	< 1.5:1 (or > 14 dB)
Gain	> 9.5 dBi
Polarization	Vertical, Linear
3dB Horizontal Beamwidth	70 Degrees
3dB Vertical Beamwidth	70 Degrees
Front to Back Ratio	> 18 dB
Max. Power Input	20W
Connector	Female SMA, Bottom Feed Or Custom Design
Appearance	Panel Type
Size	123 x 115 x 28 [mm]
Housing Material	Powder Coated Aluminum
Radom Material	ABS with UV Protection
Radom Color	White
Case Design	Water Resistance
Weight	100g
Wind Loading (Frontal)	> 10 Kg, 200 km/h
Temperature Range	-45 to +75 Degrees
Storage Temperature	-30 to +75 Degrees

RF Antenna Gain Patterns



E-Plane Radiation Pattern



H-Plane Radiation Pattern