

Outdoor Pole Mount Directional Antenna

FR-AP0825-79-1E-IS

Parameter	Specification	
Frequency Range, MHz	800-960	1710-2500
Polarization	Vertical	
Gain, dBi	7	9
Coverage Area Per Antenna	>200 square meter for below quantity of operators CDMA 800 -1 Operator LTE 850 -1 Operator GSM 900 -2 Operators GSM 1800- 4 Operators LTE 1800- 4 Operators UMTS 2100- 3 Operators LTE 2300-2 operators	
VSWR	< 1.5	
Horizontal Beam Width	70°±5°	
Vertical Beam Width	60°±3°	35°±3°
3rd Order Inter Modulation (PIM), dBc	≤-130 @ (2 x 43 dBm)	
Input Impedance, Ω	50	
Max Input Power, Watts	50	
Connectors	N(F)	
Lightening Protection	Direct Ground	
Dimension, mm (L * W * H)	600 x 280 x 130	
Radiating Element Material	Aluminum	
Reflector Material	Aluminum	
Weight, Kgs	3.4	
Radome Material	UPVC	
Radome Color	Grey	
Mounting Pole, mm	Φ40 ~ Φ65	
Operating Temperature, °C	-40 to +60	
Wind Velocity, Km/hr	200	
Water Proofing	IP 54	