

Model GI010/GI010S, 28°, 22.1 dBi (20 dBd) Panel

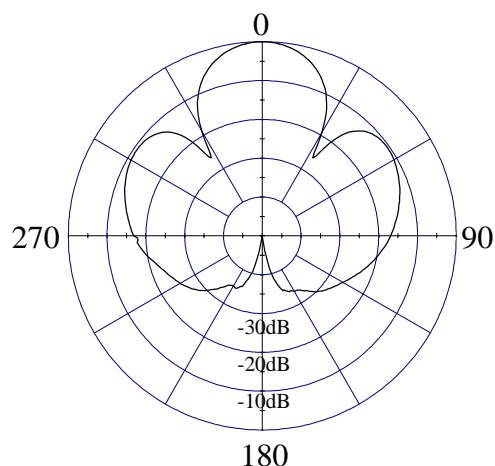
ELECTRICAL CHARACTERISTICS

	PCS
Frequency Range	1850 - 1990 MHz
Beamwidth: Horizontal-plane	28° ± 1° (at -3 dB)
Vertical-plane	5° ± 0.5° (at -3 dB)
Max / Min Gain	22.1/21.8 dBi (20/19.7 dBd)
Electrical Downtilt	0°
First Upper Side Lobe	≤ -16 dB (Typical < -20 dB)
Typical Null Filling	≥ -24 dB
Front-to-Back Ratio	≤ -32 dB (Typical < -40 dB)

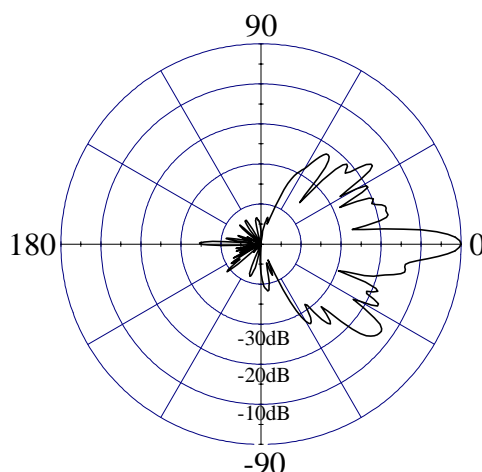
GENERAL CHARACTERISTICS

Impedance	50 Ω
VSWR	≤ 1.4:1
Polarization	Vertical
Rated Power	500 W

The ACCUBEAM™ antennas are engineered to combat interference and to eliminate gaps in coverage.



HORIZONTAL - PLANE

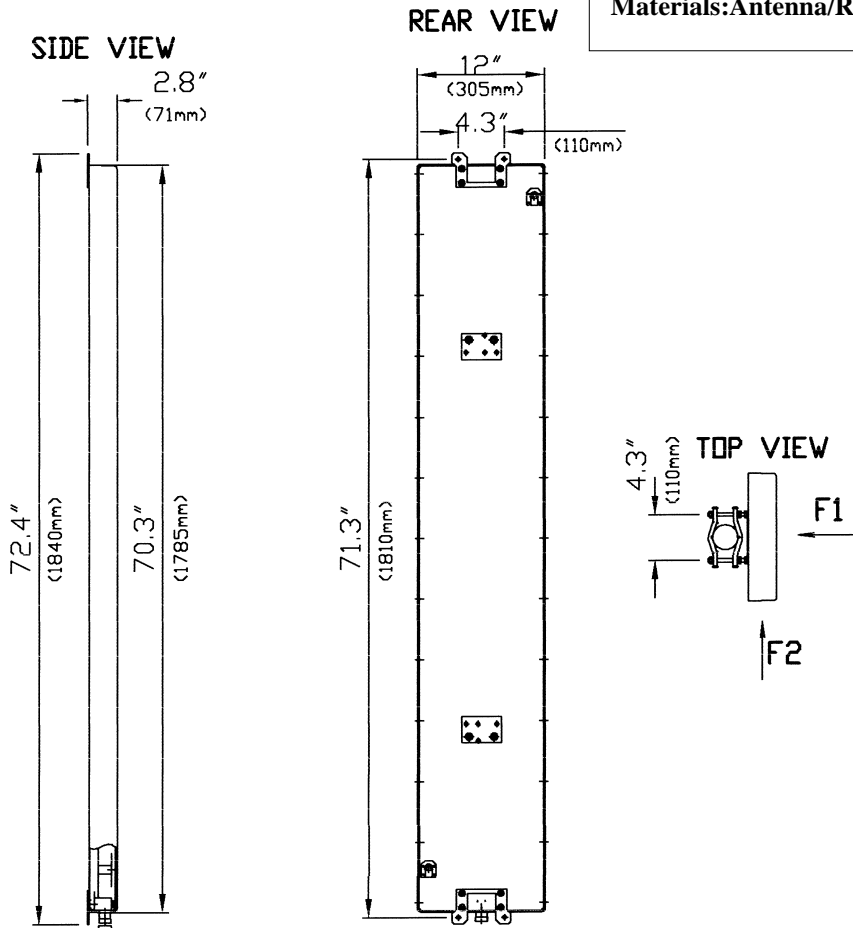


VERTICAL - PLANE

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MECHANICAL CHARACTERISTICS

Height x Width x Depth	70.3" x 12" x 2.8" (1785x 305 x 71 mm)
Weight	27.6 lbs (12.5 kg)
Wind Survival Rating	125 mph (200 km/h)
Wind Load (at 100 mph)	875 N (frontal F1) 265 N (lateral F2)
Flat Plate Equivalent Area	5.90 ft ² (0.54 m ²)
Connector Types (Female)	7/16 DIN (Type N available)
Materials:Antenna/Radome	Aluminum / ABS



MOUNTING HARDWARE

Mounting Brackets	Fix 903 (1.25" - 3.5" OD pipe) (30 - 90 mm OD pipe)
Mechanical Tilt Brackets (optional)	Model TB-9B / TB-S