

Model 74010/74010S, 29°, 18.4 dBi(16.3 dBd)Panel

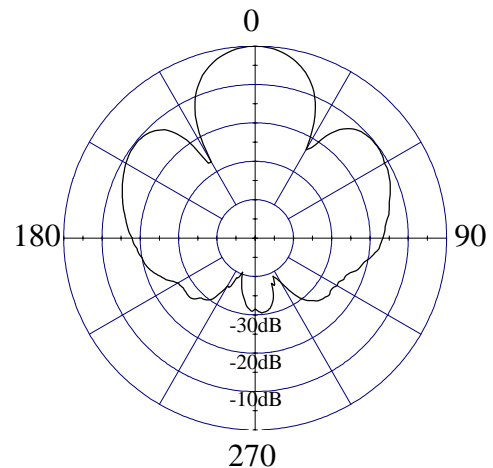
ELECTRICAL CHARACTERISTICS

DCS / PCS

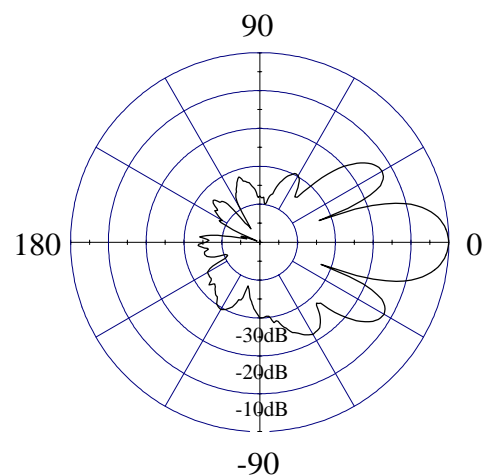
Frequency Range	1710 - 1990 MHz
Beamwidth: Horizontal-plane	29° ± 2° (at -3 dB)
Vertical-plane	19° ± 2° (at -3 dB)
Max/Min Gain	18.4/17.4 dBi (16.3/15.3 dBd)
Electrical Downtilt	0° (available -2°, -3°, -4°, -6°)
Side Lobes	≤ -11 dB
Front-to-Back Ratio	≤ -31 dB

GENERAL CHARACTERISTICS

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



HORIZONTAL - PLANE



VERTICAL - PLANE





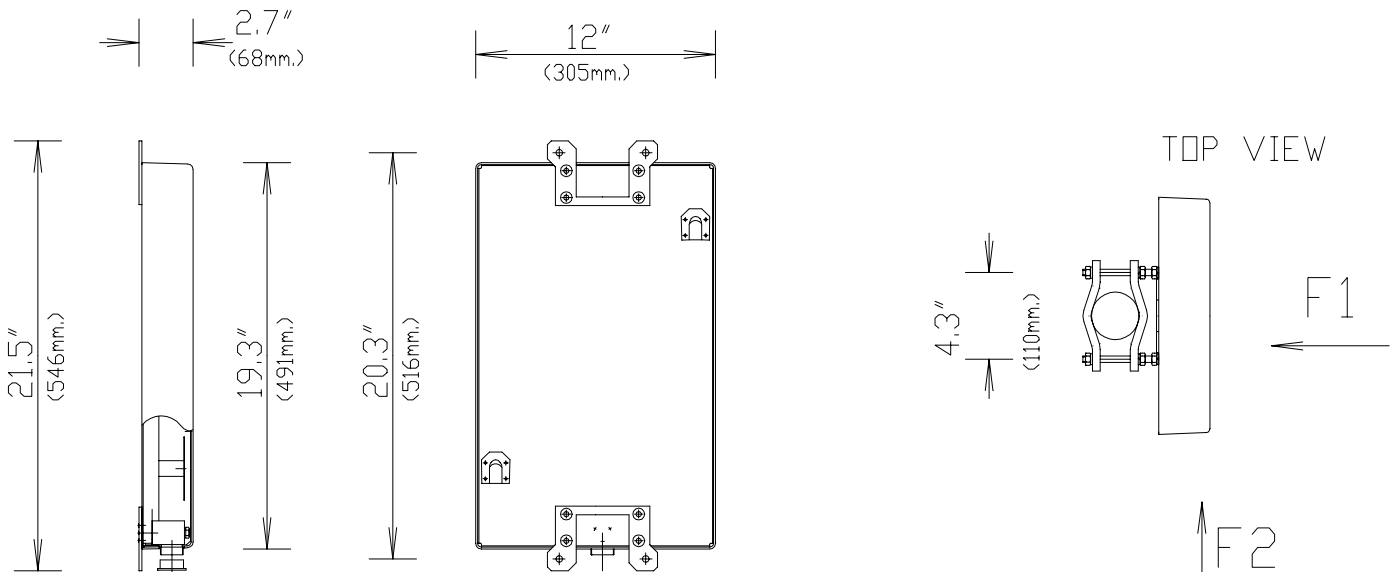
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MECHANICAL CHARACTERISTICS

Height x Width x Depth	19.3" x 12" x 2.7" (491 x 305 x 68 mm)
Weight	8.4 lbs (3.8 kg)
Wind Survival Rating	125 mph (200 km/h)
Wind Load (at 100 mph)	212 N (frontal F1) 55 N (lateral F2)
Flat Plate Equivalent Area	1.58 ft ² (0.15 m ²)
Connector Types (Female)	7/16 DIN (Type N available)
Materials:Antenna/Radome	Aluminum / ABS

SIDE VIEW

REAR VIEW



MOUNTING HARDWARE

Mounting Brackets	Fix 903 (1.25" - 3.5" OD pipe) (30 - 90 mm OD pipe)
Mechanical Tilt Brackets (optional)	Model TB-4 / TB-S