

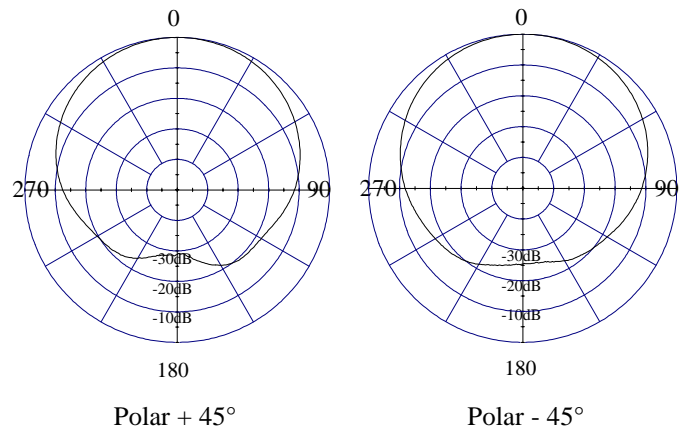
Model 3980-325/3980-345, 87°, 15.3 dBi(13.2 dBd) Panel

ELECTRICAL CHARACTERISTICS

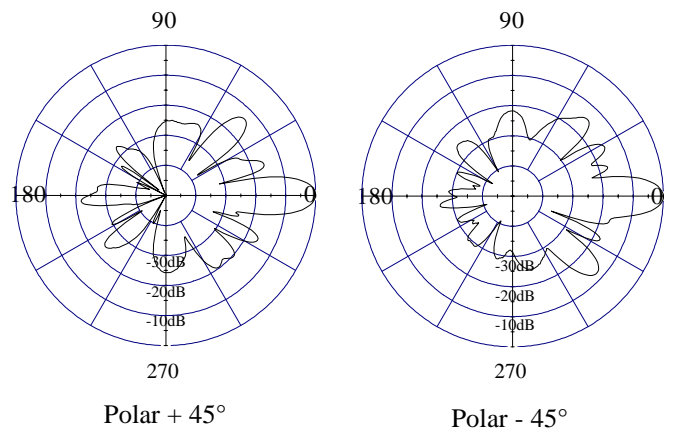
Frequency Range	806 - 960 MHz
Beamwidth: Horizontal-plane	87° ± 5° (at -3 dB)
Vertical-plane	11° ± 1° (at -3 dB)
Maximum / Minimum Gain	15.3/14.3 dBi (13.2/12.2 dBd)
Electrical Downtilt	0° (available -6°)
Side Lobes	≤ -13 dB
Front-to-Back Ratio	≤ -23 dB
Port to Port Isolation	≤ -30 dB

GENERAL CHARACTERISTICS

Impedance	50 Ω
VSWR	≤ 1.4:1
Polarization	± 45°
Rated Power	400 W



HORIZONTAL - PLANE



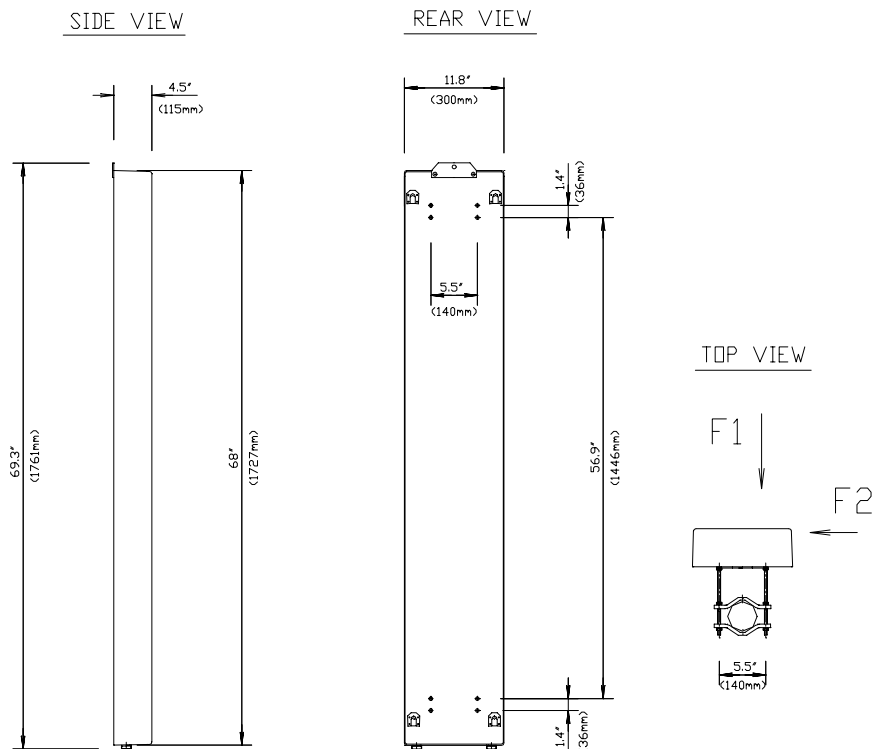
VERTICAL - PLANE



Model 3980-325/3980-345, 87°, 15.3 dBi(13.2 dBd) Panel

MECHANICAL CHARACTERISTICS

Height x Width x Depth	68" x 11.8" x 4.5" (1727 x 300 x 115 mm)
Weight	32 lbs (14.5 kg)
Wind Survival Rating	125 mph (200 km/h)
Wind Load (at 100 mph)	825 N (frontal F1) 392 N (lateral F2)
Flat Plate Equivalent Area	5.58 ft ² (0.52 m ²)
Connector Types (Female)	Type N, or 7/16 DIN
Materials: Antenna / Radome	Aluminum / ABS



MOUNTING HARDWARE

Mounting Brackets*	Fix 903 (1.25" - 3.5" OD pipe) (30 - 90 mm OD pipe)
	Fix 905 (2" - 4.7" OD pipe) (50 - 120 mm OD pipe)

Mechanical Tilt Brackets (optional) Model **TB-3990**

* Antenna without TB-3990 requires Fix 905 Mounting Brackets