

ALPHA-SATCOM M900



The P900 Land Mobile Communication Antenna System is a parabolic, ring focus, dual reflector system. It provides superior gain, is highly robust, has excellent tracking capability and is suitable for all types of communication.

Aperture Size	0.9m
Stabilized and Tracking Type	Two axis stabilization (AZ & EL) and three axis tracking (AZ, EL & POL)
Dimension (Diameter x height)	113 x 105 cm
Antenna Weight	60 kg
Frequency Range	Rx: 7.25~7.5GHz; Tx: 7.9~8.15GHz
Antenna Type	Ring Focus
Antenna Gain	Rx: 33.5dBi (7.38GHz) ; Tx: 34.4dBi (8.03GHz)
Polarization	Circular POL
G/T	13db/K
EIRP	48dBW (with 25W HPA)
Angular Acceleration	AZ: 400°/s ² ; EL: 200°/s ² ;
Dynamic Accuracy	0.2°RMS
Antenna Rotation	AZ: 360°Continue; EL: 0°~90° Continue
Capture Time	□120s (static) ; □ 180s (dynamic)
Re-capture Time	short time loss (<60s): <3s; long time loss(□60s):<10s
Power Input	AC220V 50Hz
Temperature	-40°C~65°C

ALPHA SATCOM Inc.

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