

## COTM Model M900 0.9 meter

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.



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

