

AT 41-644TV

SINGLE-BAND PANEL ANTENNA

CELLULAR 850

824-894

H64° V15°

Variable Tilt
0°-8°

ELECTRICAL SPECIFICATIONS

CELLULAR 850

Antenna Model	AT 41-644TV
Polarization	± 45°
Frequency (MHz)	824 - 894
Horizontal Beamwidth	64°
Vertical Beamwidth	15°
Gain (dBi)	14.7
Vertical Electrical Tilt	VARIABLE 0°-8°
Upper Sidelobe Suppression for the 1st lobe above main beam (dB)	20
Front-to-Back Ratio /Cpol @ ± 20° (dB)	> 30
VSWR	< 1,4 : 1
Cross Polar Ratio @ ± 60° (dB)	> 12
Isolation Between Ports	> 30
Maximum Power Per Input (W)	500
Intermodulation (dBc)	< - 150
Impedance (Ω)	50

MECHANICAL SPECIFICATIONS

Connectors	2 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed (km/h)	200
Front Windload (N)	670
Lateral Windload (N)	130
Radome Color	Grey, paintable
Temperature Range (°C)	-55° to +60°
Humidity	100%
Antenna Weight (kg)	15
Antenna Dimension (mm) H X W X D	1340 X 310 X 110

