

Options

Solve For:

TPO

ERP

Antenna input:

End fed

Center Fed

Edit Antenna
Database

Transmission Line FM Mid-Band Average Power Rating is 7.53kW

User Input

ERP: kW

Frequency: MHz

Center of Radiation (COR) - AGL: ft m

3 Bay / Generic / Half-Wave Spacing

Additional Losses: dB

Distance, Transmitter to Tower: ft m

Andrew HJ5-50, 7/8" Air Heliax

Calculated Results

Antenna Power Gain

Antenna Field Gain

Ant. F1 @ 1 mi./1kW mV/m

Antenna Input Power kW

Line Attenuation/100 ft dB

Power Loss in Coax kW % Eff

TPO kW

Tx Line Length

Minimum Tower Aperture

Top Bay Elevation - AGL

Antenna Length

Bottom of Antenna - AGL

This Software is Provided for
Planning Purposes Only!