

Options

Solve For:

☒ TPO

☐ ERP

Antenna input:

☒ End fed

☐ Center Fed

Edit Antenna
Database

*Transmission Line FM Mid-
Band Average Power Rating is
16.5kW*

User Input

ERP: kW

Frequency: MHz

Center of Radiation (COR) - AGL: ft m

Antenna

Additional Losses: dB

Distance, Transmitter to Tower: ft m

Trans. Line

Calculated Results

Antenna Power Gain

Tx Line Length

Antenna Field Gain

Minimum Tower Aperture

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

Top Bay Elevation - AGL

Antenna Input Power kW

Antenna Length

Line Attenuation/100 ft dB

Bottom of Antenna - AGL

Power Loss in Coax kW % Eff

TPO kW

**This Software is Provided for
Planning Purposes Only**

*The Following Systems Will
Work In This Application:*

1) A CEC 816R-1C 11.0 kW
Analog Transmitter

2) A CEC 816HD 10-20kW



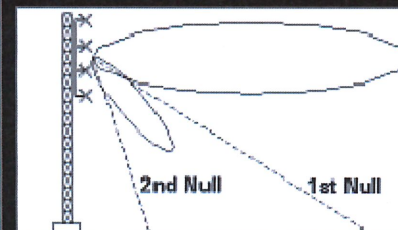
Line Accessories

of Hangers

Hanger Spacing ft

of Hanger Adapters

of Hoisting Grips



Distance to Null

1st Null

2nd Null

No Beam Tilt or Null Fill Used

