



Look to the right for 'helps' on using this program. Use TAB between entries like you would in an Excel worksheet. The program will calculate the coax loss/100 feet based on type and frequency.

System Gain-Loss Calculator Summary Sheet:

INPUT AREA:

ERP Required: **0.21** kW

ANT GAIN IS: **1.265** Times

**Meters
or Feet**

Coax Length: **475.00**

f

Coax Loss dB/100 Ft.: **0.368**

Frequency (MHz) **102.5**

Coax Type **LCF78**

Combiner Loss: **0.00** dB

Other Losses: **0.60** dB

(1) Click and enter power

(2) Tab to here Enter Gain

(3) Tab and enter length; Tab and Click Pull down for M or F

(Do nothing here)

(4) Tab to here and enter frequency

(5) Tab then Click Pull Down; Choose coax type

(6) Tab and enter extra losses

(7) Tab and enter extra losses

Total System Losses: **0.12** kW

2.35 dB

Required Transmitter

TPO: **0.29** kW

-5.45 dB

(8) Tab and view solutions

Date: **February 27, 2017**

Note: *Values are rounded to two places. Information is provide as an estimate only. Jampro accepts no responsibility for accuracy. Please verify these figures with your consulting engineer.