

Educational Media Foundation

5700 West Oaks Boulevard
Rocklin, CA 95765

Coxsackie, NY
W282BI

Transmitter Power Output Calculation

Description: TRANSMITTER POWER OUTPUT

Authorized ERP: 10 watts

Nicom BKG77-1 Antenna Power Gain: .47

130 feet RFS Cablewave LCF12-50 1/2" Foam Coax Efficiency: 0.818

TPO: 26.0105 watts

Confirmation: $26.0105 \times .47 \times .818 = 9.9999$ Watts