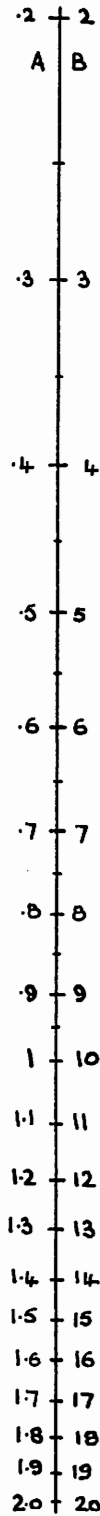


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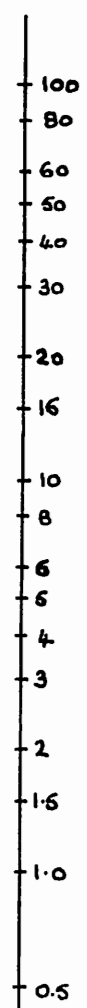
Transmission Loss Between Isotropic Aerials  
in Free Space



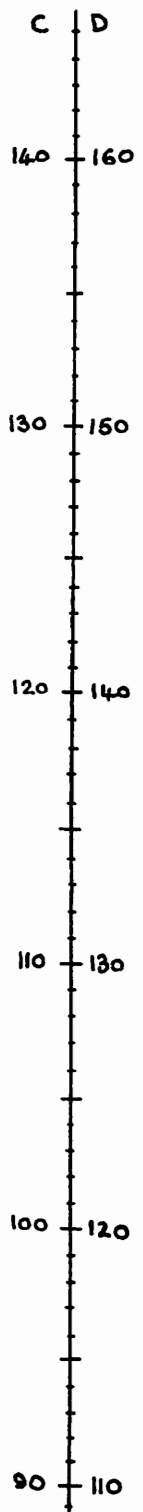
USE A WITH C AND B WITH D.

$$\text{ATTENUATION} = 20 \text{ LOG}_{10} \frac{1.484 \cdot 10^{-5}}{f \cdot d} \text{ dB}$$

f IN GHz.  
d IN MILES.



DISTANCE - MILES.



ATTENUATION dBs

FREQUENCY GHz