

# COAX Formulas

$100 \times (\text{Loss Measured in db} / \text{Cable Length in Feet}) = \text{Loss db per 100 feet}$

$\text{db loss} = 10 \times \text{Log}(\text{Power Out} / \text{Power In})$

$\% \text{ Power Out} = 10^{(-\text{db loss} / 10)} \times 100$