

Loss of Coaxial Cables

The table shown gives typical values for RF loss in several popular coaxial cables in the 100-1000 MHz range. Values are typical and may vary with the manufacturer, condition, and age of the cable. They are a good starting point for estimating loss in a planned cable installation or application

Cable Type	Loss dB/ft @ 100 MHz	Loss dB/ft @ 400 MHz	Loss dB/ft @ 1000 MHz
RG58/U	0.05	0.11	0.2
RG59/U	0.038	0.075	0.11
RG8/U	0.025	0.054	0.092
RG174/U	0.11	0.22	0.32
RG188/U	0.105	0.18	0.30
RG213/U	0.025	0.055	0.095
Belden 9913	0.013	0.025	0.044