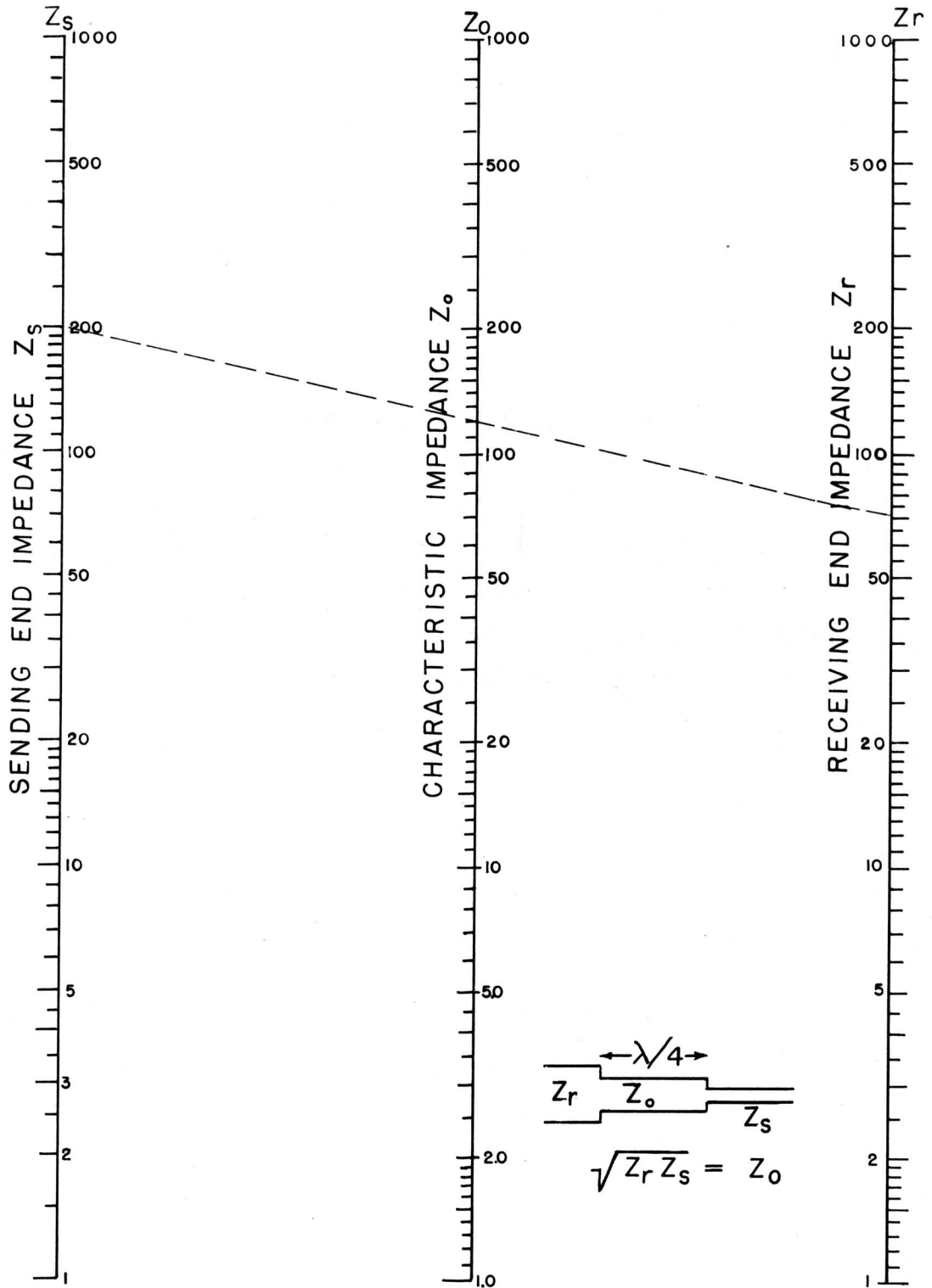




Technical data

QUARTER-WAVE MATCHING SECTION



Copyright 1946 Federal Telephone and Radio Corporation



Federal Telephone and Radio Corporation

QUARTER-WAVE MATCHING SECTION

This chart is used to obtain the surge impedance of a $\frac{1}{4} \lambda$ matching section used as an impedance transformer from one real impedance to another.

Example shown: $Z_r = 72$ ohms $Z_s = 200$ ohms, indicating a quarter-wave matching section of 120 ohms is needed.