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(54) Title: ANTENNA FOR A RADIO TELECOMMUNICATIONS DEVICE**(57) Abstract**

A radio telecommunications antenna includes a telescoping antenna portion for substantially receiving an electromagnetic signal. The telescoping portion is attached by an antenna mast for conducting the electromagnetic signal. A dielectric spacer and an inductor are in electrical contact with the antenna mast. An RF connector is in electrical contact with the dielectric spacer, opposite the antenna mast, so as to form a capacitor. The RF connector is also in electrical contact with the inductor so that the capacitor and the inductor form an LC circuit with values selected to provide a predetermined impedance match with the remainder of the antenna.

