

UHF CONNECTOR



The **UHF connector**^[4] is a name for a threaded [RF connector](#).^{[5][6]} The connector design was invented in the 1930s for use in the radio industry, and is a shielded form of the "[banana plug](#)".^{[7][8][4]} It is a widely used standard connector for [HF](#) transmission lines on full-sized radio equipment, with BNC connectors predominating for smaller, hand-held equipment.

BNC CONNECTORS



The **BNC connector** (initialism of "Bayonet Neill–Concelman") is a miniature quick connect/disconnect [radio frequency connector](#) used for [coaxial cable](#). It is designed to maintain the same [characteristic impedance](#) of the cable, with 50 ohm and 75 ohm types being made. It is usually applied for video and radio frequency connections up to about 2 GHz and up to 500 volts. The connector has a twist to lock design with two lugs in the female portion of the connector engaging a slot in the shell of the male portion. The type was introduced on military radio equipment in the 1940s and has since become widely applied in radio systems, and is a common type of video connector. Similar radio-frequency connectors differ in dimensions and attachment features, and may allow for higher voltages, higher frequencies, or three-wire connections.

TNC CONNECTORS



The **TNC connector** (acronym of "Threaded Neill–Concelman") is a threaded version of the [BNC connector](#).

N CONNECTOR



The **N connector** (also, **type-N connector**) is a threaded, weatherproof, medium-size [RF connector](#) used to join [coaxial cables](#). It was one of the first connectors capable of carrying [microwave](#)-frequency signals