

COAX CONSTRUCTION

Common "coax" cable RG59/U, RG6/U, and RG11/U is circular, each has a center conductor surrounded by dielectric insulating material, which in turn is protected by a shield or braid to prevent against electromagnetic interference (EMI). The outer covering is the "jacket".

Coaxial cable's two conductors are separated by a non-conductive or dielectric material. The outer conductor acts as a shield and helps isolate the inner conductor from spurious electromagnetic interference. The outer covering helps physically protect the conductors.

