

Patent number:CN220290526U

The utility model discloses a coaxial data cable, including: a first conductor; several second conductors placed between the first conductors to support the first conductors; an insulating layer, inside which there is a cavity containing the first and second conductors; and a protective layer on the outside of the insulating layer, forming an annular volume cavity between the insulating layer and the protective layer. The first conductors are arranged in an annular fashion along the axial direction. This structure uses coaxial arrangement for the data cables instead of parallel pairs, with conductors arranged in a gap to form different specifications. The insulating layer and protective layer are supported, allowing the entire data cable to take on a circular shape, which can bend in any direction along the radial axis. The cable is also less prone to deformation when subjected to external pressure.

