

## Patent number: CN220509737U

The utility model discloses a data cable, which includes: a symmetric overall structure with an outer diameter range of 3.2mm to 3.8mm. The center of the cable consists of a central wire bundle formed by twisting multiple wires, and this twisted central wire bundle serves to support the coaxial cables, positioned at the center of the data cable. The multiple wires include a power cable (2) and a USB cable (1), with a filler wire (3) placed between the USB cable and the power cable to fill the gaps and prevent deformation caused by external pressure after the cable is molded. Surrounding the central wire bundle are multiple coaxial cables (4) and electronic wires (5).

In contrast to the traditional structure of a 36AWG coaxial VR data cable, this utility model provides the internal structure of the data cable. Through the layout and selection of different wire types in this design, the gaps between the wires are minimized, reducing the overall outer diameter of the VR data cable. The overall structure achieves a high space utilization rate, allowing the overall wire diameter to be reduced while using the same specification of coaxial cables.

