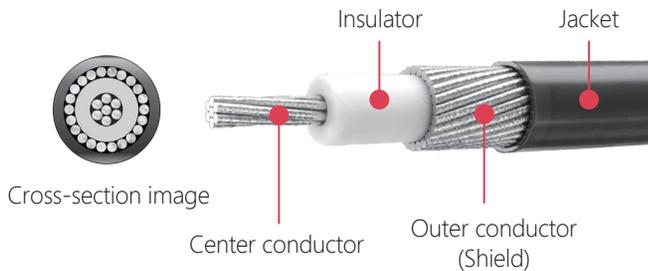
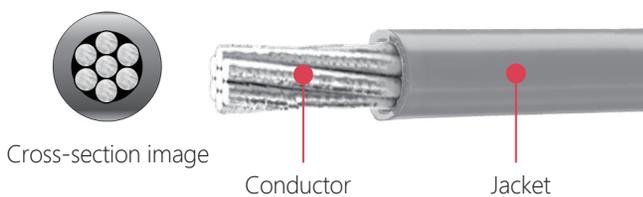


Micro-Coaxial Cable

Micro-Coaxial Cable Structure



Discrete Cable Structure

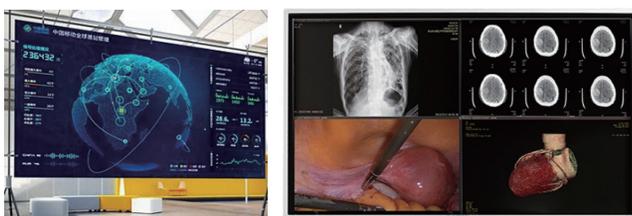


Industrial and medical fields

Extremely thin coaxial cables are also widely used in industrial and medical fields :

- MCX screen cables
- Industrial panel screen cables
- medical screen cables

These cables are used to connect industrial displays and medical displays, ensuring stable signal transmission



Display screen connections

Extremely thin coaxial cables are widely used for display screen connections :

- LVDS screen cables
- eDP screen cables
- I-PEX screen cables
- LCD screen cables
- OLED screen cables



In-vehicle and security systems

In-vehicle screen cables and high-definition security connection cables are also one of the applications of extremely micro-coaxial cables. These cables are used to connect in-vehicle displays and equipment in security systems, ensuring real-time information transmission and security.



High-speed signal transmission

With the increasing signal transmission rates in recent years, the application of extremely micro-coaxial cables in high-speed signal transmission is becoming increasingly widespread.



Micro-coaxial cables feature matched and stable impedance, resulting in low return loss and reduced insertion loss. Additionally, the shielding effect of the outer conductor helps to minimize crosstalk between signals. These characteristics give micro-coaxial cables significant advantages in high-speed signal transmission.

AWG size	Center Conductor Diameter(mm)	Cable Outer Diameter(O.D.)(mm)		AWG Size		
		Characteristic impedance		#38、#40、#42、#44、#46		
		45Ω	50Ω			
#30	0.30	1.04	1.16			
#32	0.24	0.82	0.90			
#34	0.19	0.67	0.73			
#36	0.15	0.49	0.55			
#38	0.12	0.39	0.46			
#40	0.09	0.33	0.37			
#42	0.075	0.29	0.33			
#44	0.060	0.24	0.26			
#46	0.048	0.22	0.24			

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