

Micro Coax

Extreme Thin, Light and Flexible Cable



萬旭電業股份有限公司
Wanshih Electronic Co., Ltd.

USB 3.1 C type

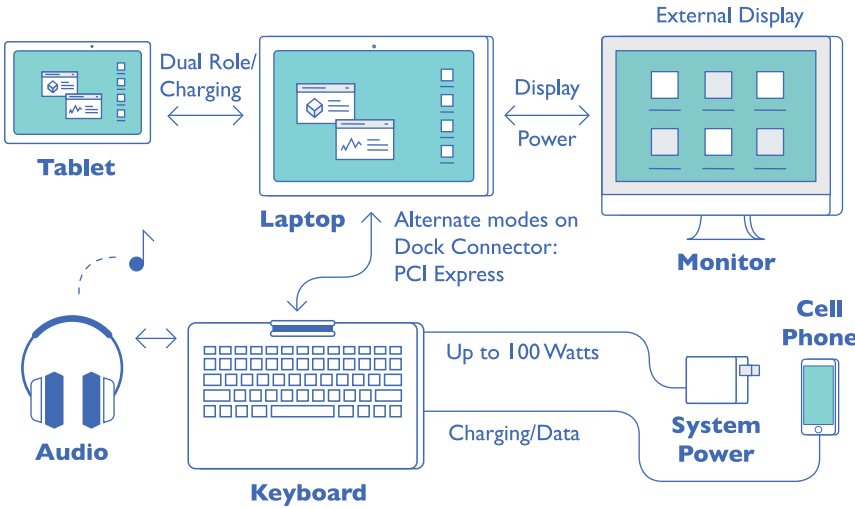
Certificated by USB IF



- TID No. 5,200,000,185
- 28AWG/34AWG copper conductor
- USB 3.1 type C to I/O ports
- 5G for Gen 1, 10G for Gen 2
- Full Function & E-mark

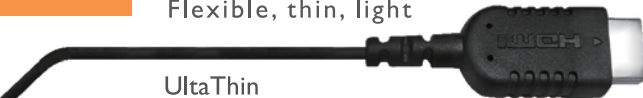
USB Type C Standard Cable

Plug 1	Plug 2	USB Version	Max Speed	Cable Length
USB 3.1C	USB 3.1A	USB 3.1 Gen2	10G	≤1M
USB 3.1C	USB 3.1B	USB 3.1 Gen2	10G	≤1M
USB 3.1C	Micro B	USB 3.1 Gen2	10G	≤1M
USB 3.1C	USB 3.1C	USB 3.1 Gen1	5G	≤2M
USB 3.1C	USB 3.1C	USB 3.1 Gen2	10G	≤1M
USB 2.0C	USB 2.0A	USB 2.0	480Mbps	≤4M
USB 2.0C	USB 2.0B	USB 2.0	480Mbps	≤4M
USB 2.0C	Mini B	USB 2.0	480Mbps	≤4M
USB 2.0C	Micro B	USB 2.0	480Mbps	≤2M
USB 2.0C	USB 2.0C	USB 2.0	480Mbps	≤4M



HDMI

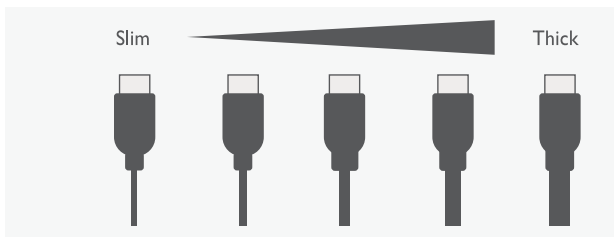
Flexible, thin, light



UltraThin and Flexible Cable

- OD = 2.5mm(40AWG) 3.3mm(36AWG)
- Micro Coaxial Cable Technology.
- Ultra thin, Extreme Flexibility, Ultimate Portable

AWG	40AWG	36AWG	30AWG	28AWG	26AWG
OD	2.5mm	3.3mm	4.0mm	6.0mm	7.8mm



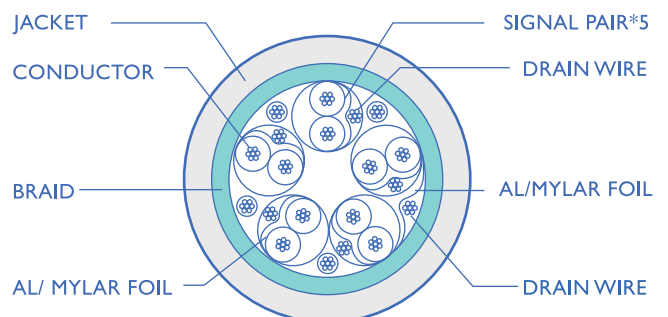
UL Number	AWG	OD
UL20379	#36	3.2mm
UL20379	#40	2.5mm

Customized HDMI & USB port

Embedded IC for optimized signal



HDMI Coaxial Structure



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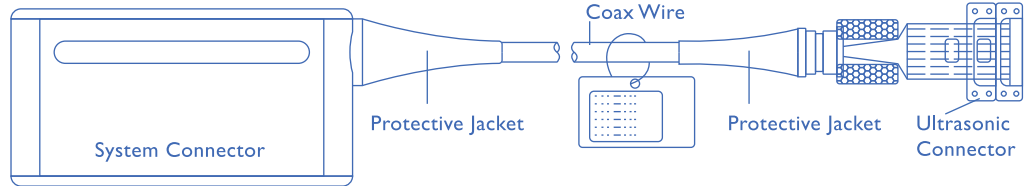
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Medical Cable

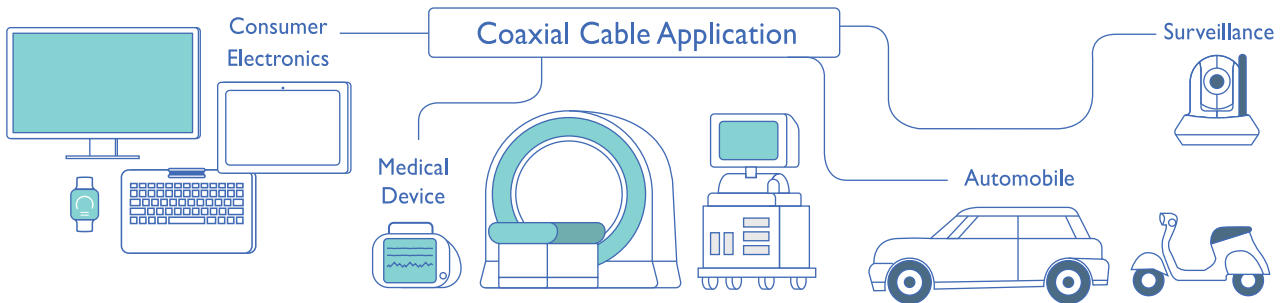
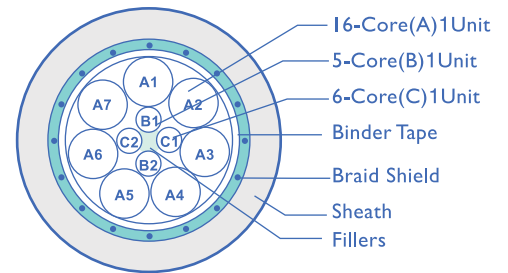
Micro Coax



- 40AWG / 42AWG copper conductor
- Application: Ultrasound Scanner
- OEM experience & Automatic Assembly Line



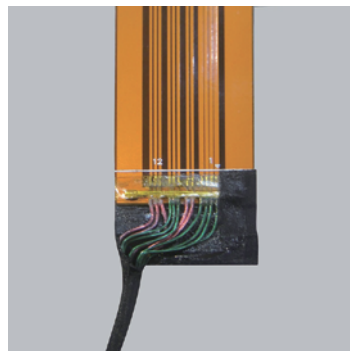
Model Level	UL	AWG	OD
Advanced	ME-FFV-SB 166*43AWG 50PF	43	8.4mm
High	ME-FFV-SX 100*42AWG(54PF M)	42	7.6mm
Basic	ME-PFAV-SX 80*40AWG(TCA)(100PF)	40	6.2mm



LVDS Customized Cable

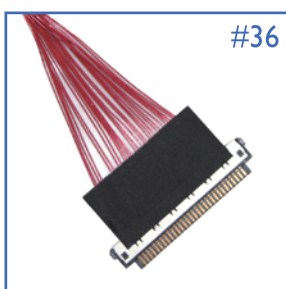


Coax cable connecting to PCB with SMD method.



Coax cable soldering to FPC by auto-assembly line.

- Wire: 32AWG ~ 46AWG copper conductor
- Coaxial cable over 40AWG is super thin, light and flexible like single hair.
- Connector: Fine pitch contacts as I-pex, JAE, JAM, Hirose, Molex ect.
- Coax combined Professional SMT PCB & FPC Soldering Technology
- Perfect EMI and Super Speed Performance



#36



#40



#42



#44/#46