

# 75 Ohm UHD Coaxial Cables



Best suited to 3G/HD-SDI transmission. Highly-foamed PE insulation allows excellent attenuation characteristics.

Specification		3G/HD-SDI					
		2.5CHD	4CHD	4.5CHD	5CHD	6CHD	7CHD
INNER CONDUCTOR	MATERIAL	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
	DIMENSIONS	0.59mm±0.005	0.82mm±0.008	1.02mm±0.01	1.2mm±0.01	1.4mm±0.01	1.8mm±0.02
INSULATION	MATERIAL	Foam Polyethylene	Foam Polyethylene	Foam Polyethylene	Foam Polyethylene	Foam Polyethylene	Foam Polyethylene
	DIAMETER	2.59mm±0.05	3.68mm±0.05	4.57mm±0.05	4.90mm±0.05	6.10mm±0.10	7.30mm±0.15
SHIELD (tape)	MATERIAL	AL-Foil	AL-Foil	AL-Foil	AL-Foil	AL-Foil	AL-Foil
SHIELD (Braid)	MATERIAL	Tinned Copper Wire	Tinned Copper Wire	Tinned Copper Wire	Tinned Copper Wire	Tinned Copper Wire	Tinned Copper Wire
	Coverage	95%±3%	95%±3%	91%±3%	93%±3%	92%±3%	92%±4%
JACKET	MATERIAL	PVC	PVC	PVC	PVC	PVC	PVC
	DIAMETER	4.2mm±0.15mm	6.1mm±0.15mm	7.0mm±0.20mm	7.7mm±0.20mm	8.9mm±0.25mm	10.20mm±0.30mm
packing		Roll/100m, wood/300m	Roll/100m, wood/300m	Roll/100m, wood/300m	Roll/100m, wood/300m	Roll/100m, wood/300m	Roll/100m, wood/301m
ELECTRICAL SPECIFICATIONS (20°C)	Inner Conductor DC Resistance	≤65.0 Ω/km	≤34.0 Ω/km	≤22.0 Ω/km	≤16.0 Ω/km	≤11.80 Ω/km	≤7.0Ω/km
	Characteristic Capacitance	52 pF/m	52 pF/m	52 pF/m	51 pF/m	50 pF/m	51 pF/m
	Velocity of Propagation	≥82%	≥82%	≥82%	≥85%	≥85%	≥85%
	Characteristic Impedance	75±3Ω	75±3Ω	75±3Ω	75±3Ω	75±3Ω	75±3Ω
	Attenuation dB/100m	750MHz : 30.2dB 1500MHz : 43.1dB 6000MHz : 53.6dB	750MHz : 21.3dB 1500MHz : 30.6dB 6000MHz : 34.4dB	750MHz : 17.4dB 1500MHz : 25.1dB 6000MHz : 34.4dB	750MHz : 15.6dB 1500MHz : 22.5dB 6000MHz : 34.4dB	750MHz : 12.9dB 1500MHz : 19.0dB 6000MHz : 34.4dB	750MHz : 10.9dB 1500MHz : 15.9dB 6000MHz : 34.4dB

4. 5CHD用于4K超高清传输距离可达100m, 4根一起合成8K视频, 使用富士康设备可用达50m亲测画质优秀  
L-4. 5CHD目前实际使用方式

