

Typical Transmission Distance as per SMPTE Standard(reference)

Video format		HD-SDI (1080i)		3G-SDI (1080p)		12G-SDI (2160p)	
Standard		SMPTE ST 292		SMPTE ST 424		SMPTE ST 2082-1	
Bit rate		1.485 Gbps		2.97 Gbps		11.88 Gbps	
Loss amount		20 dB @ 1/2 clock		30 dB @ 1/2 clock		40 dB @ 1/2 clock	
Model	O.D.	L	Nominal Attenuation (dB/m)	L	Nominal Attenuation (dB/m)	L	Nominal Attenuation (dB/m)
L-3CFW	5.8 mm	60 m	0.331	60 m	0.494	35 m	1.142
L-4.5CHWS	7.2 mm	87 m	0.228	90 m	0.333	50 m	0.793
L-5CFW	7.7 mm	103 m	0.194	105 m	0.284	56 m	0.705
L-2.5CHD L-2.5CHLT	4.2 mm	66 m	0.302	69 m	0.431	43 m	0.917
L-3CFB	5.5 mm	68 m	0.291	69 m	0.430	42 m	0.935
L-3.3CUHD (reference)	5.5 mm	—	—	93 m	0.320	59 m	0.677
L-4.5CHD	7.0 mm	114 m	0.174	119 m	0.251	74 m	0.536
L-5CFB	7.7 mm	112 m	0.177	114 m	0.261	68 m	0.586
L-5CHD	7.7 mm	128 m	0.156	133 m	0.225	82 m	0.487
L-5.5CUHD	7.7 mm	155 m	0.129	162 m	0.185	102 m	0.391
L-6CHD	8.9 mm	155 m	0.129	157 m	0.190	95 m	0.420
L-7CHD	10.2 mm	183 m	0.109	192 m	0.156	116 m	0.344
L-8CHD	11.1 mm	208 m	0.096	212 m	0.141	131 m	0.304
L-8CUHD (reference)	11.1 mm	—	—	230 m ≤	≤0.130	140 m ≤	≤0.28

※本表は標準減衰量から伝送距離の目安を計算したものです。 ※The above distance are calculated based on the nominal attenuation of each cable.