



## Max transmission distance (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	
Item Number	Outer Diameter	Length	Attenuation (dB/m)	L	Attenuation (dB/m)	L	Attenuation (dB/m)
L-3CFW	5.8 mm	197ft (60m)	0.331	197ft (60m)	0.494	115ft (35m)	1.142
L-4.5CHWS	7.2 mm	285ft (87m)	0.228	295ft (90m)	0.333	164ft (50m)	0.793
L-5CFW	7.7 mm	338ft (103m)	0.194	344ft (105m)	0.284	184ft (56m)	0.705
L-2.5CHD L-2.5CHLT	4.2 mm	217ft (66m)	0.302	226ft (69m)	0.431	141ft (43m)	0.917
L-3CFB	5.5 mm	223ft (68m)	0.291	226ft (69m)	0.430	138ft (42m)	0.935
L-4.5CHD	7.0 mm	374ft (114m)	0.174	390ft (119m)	0.251	243ft (74m)	0.536
L-5CFB	7.7 mm	367ft (112m)	0.177	374ft (114m)	0.261	223ft (68m)	0.586
L-5CHD	7.7 mm	420ft (128m)	0.156	436ft (133m)	0.225	269ft (82m)	0.487
L-5.5CUHD (prototype)	7.7 mm	<b>509ft (155m)</b>	<b>0.129</b>	<b>531ft (162m)</b>	<b>0.185</b>	335ft (102m)	0.391
L-6CHD	8.9 mm	509ft (155m)	0.129	515ft (157m)	0.190	312ft (95m)	0.420
L-7CHD	10.2 mm	600ft (183m)	0.109	630ft (192m)	0.156	381ft (116m)	0.344
L-8CHD	11.1 mm	682ft (208m)	0.096	696ft (212m)	0.141	430ft (131m)	0.304

※The above distance are calculated based on the nominal attenuation of each cable.