

## HD-SDI transmission lengths

exemplary video formats	480i (NTSC), 576i (PAL)	720p, 1080i (HDTV)	1080p	1080p	4K	4K	
video resolution		1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	3840 x 2160 pixels	3840 x 2160 pixels	
frame rate		25p / 30p	50p / 60p	50p / 60p	25p / 30p	25p / 60p	
bit rate	270 Mb/s	1.5 Gb/s	3 Gb/s	3Gb/s	6 Gb/s	12 Gb/s	
standard	SMPTE 259	SMPTE 292	SMPTE 424	SMPTE 425	SMPTE 2081-1	SMPTE 2082-1	
application	SD-SDI	HD-SDI 1.5G	HD-SDI 3.0G	UHDTV	UHDTV	UHDTV	
1/2 clock	135 MHz	750 MHz	1.5 GHz	1.5 GHz	3 GHz	6 GHz	
max. attenuation	30 dB	20 dB	20 dB	40 dB	40 dB	40 dB	
order code	cable type						
VD042LT	V05L/20	157 m	43 m	30 m	60 m	40 m	25 m
VD062SH	V06/28	243 m	64 m	44 m	89 m	61 m	42 m
VD083LP	V08L/37	258 m	67 m	46 m	93 m	62 m	40 m
VD083S..	V08/37	333 m	87 m	60 m	121 m	83 m	57 m
VD104S..	V10/48	410 m	110 m	76 m	151 m	104 m	70 m
VD125LPS	V12L/48	384 m	99 m	68 m	135 m	90 m	57 m
VD167S..	V16/72	625 m	177 m	122 m	243 m	165 m	110 m

**Please note** that our cable length details are estimated for calculation purposes.  
Actual maximum lengths are closely dependent on the equipment used and may vary.