

Max. Transmission Lengths

		Application (Data rate):	SD-SDI (270 Mb/s)	HD-SDI (1,5 Gb/s)	HD-3G-SDI (3 Gb/s)	UHDTV (3 Gb/s)	UHDTV1+2 (6 Gb/s)	UHDTV1+2 (12 Gb/s)
		SMPTE standard:	SMPTE 259M	SMPTE 292M	SMPTE 424M	SMPTE 425M	SMPTE 2081	SMPTE 2082
		Max. attenuation @ 1/2 clock:	30 dB @ 135 MHz	20 dB @ 750 MHz	20 dB @ 1500 MHz	40 dB @ 1500 MHz	40 dB @ 3000 MHz	40 dB @ 6000 MHz
		Video-Format:	480i, 576i	720p, 1080i	1080p60	1080p60	1080p120, 2160p30	2160p60
SC-MONOMAX	0.41/1.9	600-0041C	168 m (551 ft.)	48 m (157 ft.)	34 m (112 ft.)	67 m (220 ft.)	47 m (154 ft.)	33 m (108 ft.)
SC-TRANSIT	0.6/2.8	600-0851-xx	220 m (722 ft.)	57 m (187 ft.)	40 m (131 ft.)	81 m (266 ft.)	54 m (177 ft.)	37 m (121 ft.)
SC-SLIMLINE	0.6/2.8	600-085*	260 m (853 ft.)	69 m (226 ft.)	48 m (157 ft.)	96 m (314 ft.)	66 m (216 ft.)	44 m (144 ft.)
SC-AQUA MARINEX	0.6L/3.7	600-0241AQ	224 m (735 ft.)	60 m (197 ft.)	42 m (138 ft.)	83 m (272 ft.)	62 m (203 ft.)	42 m (138 ft.)
SC-VECTOR (RCB) single coax	0.8/3.7	600-016*	326 m (1069 ft.)	90 m (295 ft.)	60 m (197 ft.)	121 m (396 ft.)	82 m (269 ft.)	51 m (167 ft.)
SC-VECTOR (RCB) multi coax	0.8/3.7	600-016*-xx	293 m (961 ft.)	81 m (266 ft.)	54 m (177 ft.)	109 m (358 ft.)	74 m (243 ft.)	46 m (151 ft.)
SC-RG CLASSIC BROADCAST	1.0/4.8	600-0144	411 m (1328 ft.)	115 m (377 ft.)	81 m (266 ft.)	162 m (532 ft.)	113 m (371 ft.)	77 m (252 ft.)
SC-AQUA MARINEX	1.2L/4.8	605-0241AQ	375 m (1230 ft.)	103 m (338 ft.)	71 m (233 ft.)	141 m (463 ft.)	96 m (315 ft.)	62 m (203 ft.)
SC-VECTOR PLUS single coax	1.2L/4.8DZ	600-021*	395 m (1296 ft.)	106 m (347 ft.)	73 m (239 ft.)	145 m (476 ft.)	96 m (315 ft.)	62 m (203 ft.)
SC-VECTOR PLUS multi coax	1.2L/4.8DZ	600-0214-xx	355 m (1165 ft.)	95 m (311 ft.)	65 m (213 ft.)	130 m (426 ft.)	86 m (282 ft.)	56 m (183 ft.)
SC-VECTOR PLUS single coax	1.2L/5.0	600-0174	435 m (1427 ft.)	117 m (384 ft.)	81 m (266 ft.)	162 m (532 ft.)	111 m (364 ft.)	78 m (256 ft.)
SC-VECTOR PLUS multi coax	1.2L/5.0	600-017*-xx	391 m (1283 ft.)	105 m (344 ft.)	73 m (240 ft.)	146 m (479 ft.)	100 m (328 ft.)	70 m (230 ft.)
SC-VECTOR PLUS	1.3/5.7	600-0131	520 m (1706 ft.)	146 m (479 ft.)	99 m (325 ft.)	199 m (653 ft.)	136 m (446 ft.)	94 m (308 ft.)
SC-VECTOR PLUS	1.6/7.0	600-0234	666 m (2185 ft.)	183 m (600 ft.)	117 m (384 ft.)	234 m (767 ft.)	156 m (512 ft.)	101 m (331 ft.)
SC-VECTOR PLUS	1.6/7.1 (RG11)	600-0281	648 m (2126 ft.)	182 m (597 ft.)	126 m (413 ft.)	252 m (811 ft.)	172 m (564 ft.)	116 m (380 ft.)
SC-VECTOR PLUS	1.6L/7.3	600-0221	577 m (1893 ft.)	148 m (485 ft.)	99 m (325 ft.)	198 m (650 ft.)	121 m (397 ft.)	72 m (236 ft.)

Note: All Transmission lengths measured without assembled connectors (additional attenuators)