

**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	<b>168 m</b> (551 ft.)	<b>48 m</b> (157 ft.)	<b>34 m</b> (112 ft.)	<b>67 m</b> (220 ft.)	<b>47 m</b> (154 ft.)	<b>33 m</b> (108 ft.)
SC-TRANSIT	0.6/2.8	600-0851-xx	<b>220 m</b> (722 ft.)	<b>57 m</b> (187 ft.)	<b>40 m</b> (131 ft.)	<b>81 m</b> (266 ft.)	<b>54 m</b> (177 ft.)	<b>37 m</b> (121 ft.)
SC-SLIMLINE	0.6/2.8	600-085*	<b>260 m</b> (853 ft.)	<b>69 m</b> (226 ft.)	<b>48 m</b> (157 ft.)	<b>96 m</b> (314 ft.)	<b>66 m</b> (216 ft.)	<b>44 m</b> (144 ft.)
SC-AQUA MARINEX	0.6L/3.7	600-0241AQ	<b>224 m</b> (735 ft.)	<b>60 m</b> (197 ft.)	<b>42 m</b> (138 ft.)	<b>83 m</b> (272 ft.)	<b>62 m</b> (203 ft.)	<b>42 m</b> (138 ft.)
SC-VECTOR (RCB) single coax	0.8/3.7	600-016*	<b>326 m</b> (1069 ft.)	<b>90 m</b> (295 ft.)	<b>60 m</b> (197 ft.)	<b>121 m</b> (396 ft.)	<b>82 m</b> (269 ft.)	<b>51 m</b> (167 ft.)
SC-VECTOR (RCB) multi coax	0.8/3.7	600-016*-xx	<b>293 m</b> (961 ft.)	<b>81 m</b> (266 ft.)	<b>54 m</b> (177 ft.)	<b>109 m</b> (358 ft.)	<b>74 m</b> (243 ft.)	<b>46 m</b> (151 ft.)
SC-RG CLASSIC BROADCAST	1.0/4.8	600-0144	<b>411 m</b> (1328 ft.)	<b>115 m</b> (377 ft.)	<b>81 m</b> (266 ft.)	<b>162 m</b> (532 ft.)	<b>113 m</b> (371 ft.)	<b>77 m</b> (252 ft.)
SC-AQUA MARINEX	1.2L/4.8	605-0241AQ	<b>375 m</b> (1230 ft.)	<b>103 m</b> (338 ft.)	<b>71 m</b> (233 ft.)	<b>141 m</b> (463 ft.)	<b>96 m</b> (315 ft.)	<b>62 m</b> (203 ft.)
SC-VECTOR PLUS single coax	1.2L/4.8DZ	600-021*	<b>395 m</b> (1296 ft.)	<b>106 m</b> (347 ft.)	<b>73 m</b> (239 ft.)	<b>145 m</b> (476 ft.)	<b>96 m</b> (315 ft.)	<b>62 m</b> (203 ft.)
SC-VECTOR PLUS multi coax	1.2L/4.8DZ	600-0214-xx	<b>355 m</b> (1165 ft.)	<b>95 m</b> (311 ft.)	<b>65 m</b> (213 ft.)	<b>130 m</b> (426 ft.)	<b>86 m</b> (282 ft.)	<b>56 m</b> (183 ft.)
SC-VECTOR PLUS single coax	1.2L/5.0	600-0174	<b>435 m</b> (1427 ft.)	<b>117 m</b> (384 ft.)	<b>81 m</b> (266 ft.)	<b>162 m</b> (532 ft.)	<b>111 m</b> (364 ft.)	<b>78 m</b> (256 ft.)
SC-VECTOR PLUS multi coax	1.2L/5.0	600-017*-xx	<b>391 m</b> (1283 ft.)	<b>105 m</b> (344 ft.)	<b>73 m</b> (240 ft.)	<b>146 m</b> (479 ft.)	<b>100 m</b> (328 ft.)	<b>70 m</b> (230 ft.)
SC-VECTOR PLUS	1.3/5.7	600-0131	<b>520 m</b> (1706 ft.)	<b>146 m</b> (479 ft.)	<b>99 m</b> (325 ft.)	<b>199 m</b> (653 ft.)	<b>136 m</b> (446 ft.)	<b>94 m</b> (308 ft.)
SC-VECTOR PLUS	1.6/7.0	600-0234	<b>666 m</b> (2185 ft.)	<b>183 m</b> (600 ft.)	<b>117 m</b> (384 ft.)	<b>234 m</b> (767 ft.)	<b>156 m</b> (512 ft.)	<b>101 m</b> (331 ft.)
SC-VECTOR PLUS	1.6/7.1 (RG11)	600-0281	<b>648 m</b> (2126 ft.)	<b>182 m</b> (597 ft.)	<b>126 m</b> (413 ft.)	<b>252 m</b> (811 ft.)	<b>172 m</b> (564 ft.)	<b>116 m</b> (380 ft.)
SC-VECTOR PLUS	1.6L/7.3	600-0221	<b>577 m</b> (1893 ft.)	<b>148 m</b> (485 ft.)	<b>99 m</b> (325 ft.)	<b>198 m</b> (650 ft.)	<b>121 m</b> (397 ft.)	<b>72 m</b> (236 ft.)

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