

Coax Length v's Performance



Part Number	Video Format (Pixel Ratio)	480i, 576i	720p	1080i	1080p	1080p120, 2160p30	2160p60	BNC
	Known As	SDTV	HD Ready, SDI	HD-SDI	HDTV, 3G-SDI	4K UHD	8K UHD	
	SMPTE Standard	SMPTE 259M	SMPTE 259M	SMPTE 292M	SMPTE 424M	SMPTE 2081	SMPTE 2082	
	Data Rate	270Mb/s	360Mb/s	1.5Gb/s	3Gb/s	6Gb/s (Dual/Single Link)	12Gb/s (Dual/Single Link)	
268-306-000	Van Damme Plasma Coax Flexible	-	138m	-	-	-	-	NBNC75BLP7
268-175-000	Van Damme HD Vision RG6/U Flexible	286m	244m	161m	100m	65m	-	NBNC75BTU11X
268-275-000	Van Damme HD Vision RG59/U Flexible	145m	128m	47m	31m	-	-	NBNC75BJP9X
268-875-000	Van Damme Enhanced HD RG6/U Solid	377m	330m	190m	137m	(137m/100m)	(100m/48m)	NBNC75BTU11X
268-875-006	Van Damme Enhanced UHD 12Ghz RG6/U Solid	386m	339m	TBC	150m	(150m/103m)	(103m/72m)	NBNC75BTU11X
268-875-011	Van Damme Enhanced UHD 12Ghz RG11 Solid	-	-	-	227m	(227m/155m)	(155m/105m)	VDC-339-112-011
1694A	Belden 1694a Solid RG6/U	419m	367m	212m	155m	104m	TBC	NBNC75BTU11X
1694F	Belden 1694f Flexible RG6/U	318m	272m	179m	106m	69m	TBC	NBNC75BTU11X
179DT	Belden 179DT Solid Ultra Miniature	116m	104m	34m	24m	-	-	NBTC75BFI4
4694R	Belden 4694R UHD 12Ghz RG6/U Solid	407m	357m	TBC	164m	114m	78m	NBNC75BTU11X
600-0234	Sommer SC-Vector Plus RCB	360m	360m	360m	240m	120m	60m	
600-0221	Sommer SC-Vector Plus RCB	280m	280m	280m	240m	100m	55m	NBLC75BVZ17

600-0214	Sommer SC-VECTOR PLUS	200m	200m	200m	150m	70m	35m	NBNC75BWU13
600-0174	Sommer SC-VECTOR PLUS	200m	200m	200m	155m	80m	50m	NBNC75BWU13
600-0162	Sommer SC-VECTOR	200m	200m	200m	160m	70m	40m	NBNC75BLP9X
600-0854	Sommer SC-SLIMLINE RCB	120m	100m	100m	30m	-	-	NBNC7BFG7X
600-0851-02	Sommer TRANSIT 2	180m	120m	120m	60m	-	-	NBNC7BFG7X
600-0851-03	Sommer TRANSIT 3	180m	100m	100m	50m	-	-	NBNC7BFG7X
600-0851-05	Sommer TRANSIT 5	150m	80m	80m	45m	-	-	NBNC7BFG7X
600-0851-07	Sommer TRANSIT 7	150m	80m	80m	45m	-	-	NBNC7BFG7X
600-0851-08	Sommer TRANSIT 8	150m	80m	80m	45m	-	-	NBNC7BFG7X
600-0161	Sommer SC-VECTOR	200m	200m	200m	160m	70m	40m	NBNC75BLP9X
600-0164	Sommer SC-VECTOR	200m	200m	200m	160m	70m	40m	NBNC75BLP9X
600-0144	Sommer SC-RG CLASSIC	220m	150m	150m	100m	-	-	NBNC75BUU11
605-0241AQ	Sommer SC-AQUA MARINEX				150m	60m	40m	NBNC75BWU13
600-0854	Sommer SC-SLIMLINE				100m	60m	30m	
600-0241AQ	Sommer SC-AQUA MARINEX				100m	-	-	

Figures shown generally involve a 20% tolerance (de-rating) due to the many factors that can influence performance. Care should always be taken with Coaxial cables when installing and using dynamically to not twist, bend or crush them as this will have a significant impact on performance