



LL (Low Loss) COAXIAL CABLES
ATTENUATION CHART
(dB/100ft)

Part Number	400 MHz Typ/Max	1 GHz Typ/Max	2 GHz Typ/Max	3 GHz Typ/Max	5 GHz Typ/Max	10 GHz Typ/Max	18 GHz Typ/Max	Cut-off Frequency (GHz)
LL120	8.3/12.0	13.1/18.0	18.7/25.0	23.0/30.0	29.9/38.0	42.8/54.0	58.2/74.0	64.0
LL160	6.4/7.1	10.2/11.2	14.6/16.0	18.0/19.6	23.4/25.7	33.6/36.9	45.9/50.4	42.0
LL142	4.5/6.5	7.2/10.0	10.3/14.0	12.7/17.0	16.6/21.0	24.0/30.0	33.0/40.0	32.9
LL142STR	6.0/7.0	9.5/11.1	13.5/15.6	16.6/19.0	21.7/24.0	31.2/35.0	42.7/43.0	32.0
LL235	4.2/5.0	6.7/8.0	9.6/11.4	11.9/14.0	15.5/18.0	22.5/27.0	31.0/37.0	23.0
LL270STR	4.3/4.5	6.9/7.3	9.8/10.6	12.1/13.4	15.9/18.0	23.0/26.0	31.7/36.0	24.0
LL335	2.9/3.5	4.6/5.5	6.6/7.8	8.2/9.5	10.8/12.5	15.8/19.0	21.9/26.0	18.0
LL335i	2.9/3.5	4.6/5.5	6.6/7.8	8.2/9.5	10.8/12.5	15.8/19.0	21.9/26.0	18.0
LL450STR	2.2/2.3	3.5/3.7	5.0/5.6	6.3/7.1	8.3/10.0	12.2/13.3	-----	12.8
LL480STR	1.9/2.2	3.0/3.3	4.4/4.9	5.5/6.0	7.3/8.1	10.8/11.8	-----	11.0

Construction:

Centre Conductor : Solid or Stranded Silver Plated Copper
 Dielectric : Expanded PTFE tape
 Inner Braid : Flat Silver Plated Copper Strip
 Inter Layer : Aluminium Polyester Tape
 Outer Braid : Round Silver Plated Copper

Operating Temperature : -55 +200C
 Velocity of Propagation : 80%-83%
 Impedance : 50 ohms
 Capacitance : 25.0 pF/ft (82.0 pF/m)
 Shielding Effectiveness : <-95 dB