



Values for Common Dipole Loops

Loop Width (m)	Loop Length (m)	No. of Turns	Inductance (μh)
1.4	9	3	205
1.6	9	3	209
1.8	9	3	213
2.0	9	3	216

Values for Common Quadrapole Loops

Loop Width (m)	Loop Length (m)	No. of Turns	Inductance (μh)
2.0	9	2-4-2	256
2.4	9	2-4-2	258
2.6	9	2-4-2	262

NOTES

1. Refer to contract drawings for loop sizes and number of turns.
2. Minimum offset from lane line to edge of loop is 0.6 m.
3. For lane width greater than 3.6 m., Quadrapole loops should be used.
4. SCOOT loop length is 2.0 m., Loop width varies depending on lane width.
5. Loop inductance should be equal to or greater than lead-in inductance. (Preferred ratio is 2:1.)
6. Average lead-in inductance is 0.72 (μh) per metre, or (0.22 (μh) per foot.)
7. Minimum loop length at stop bar is 9m. Loop to extend a minimum of 7.0m back of stop bar.