



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
EB RT TURN LN-CD	6X50	3-6-3	847	2.98
NB LT TURN LN-CD	6X50	3-6-3	866	3.42
NB LT TURN LN-CD	6X50	3-6-3	866	3.42
NB RT TURN LN-CD	6X40	3-6-3	586	2.64
NB RT TURN LN-CD	6X48	3-6-3	780	3.03

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

ELECTRICAL QUANTITIES:

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP REPLACEMENT	FOOT	760
LOCATING UNDER GROUND CABLE	FOOT	30