

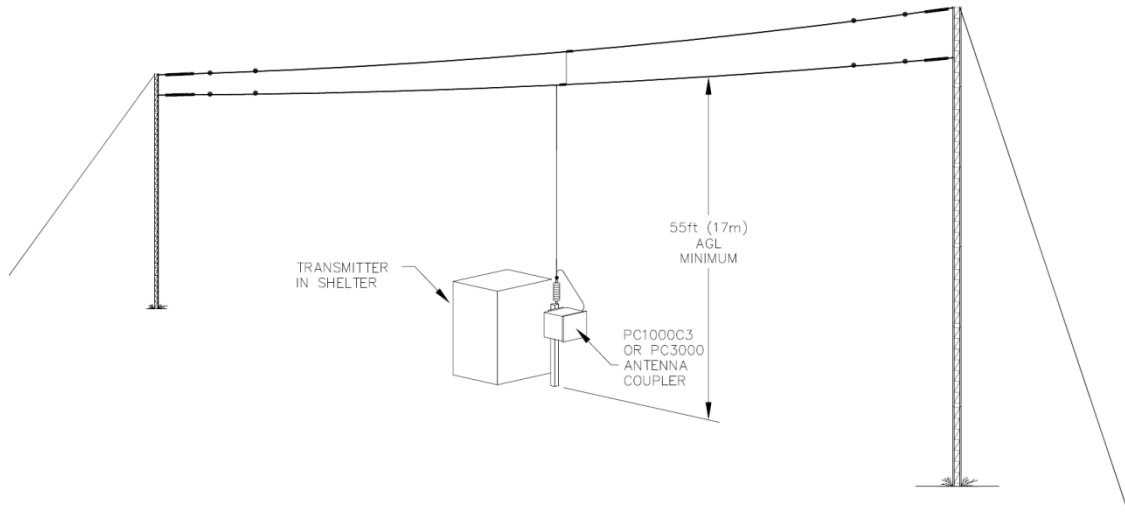


## 60 ft. Low-Power Symmetrical T Antenna

Part Number: SLF10027

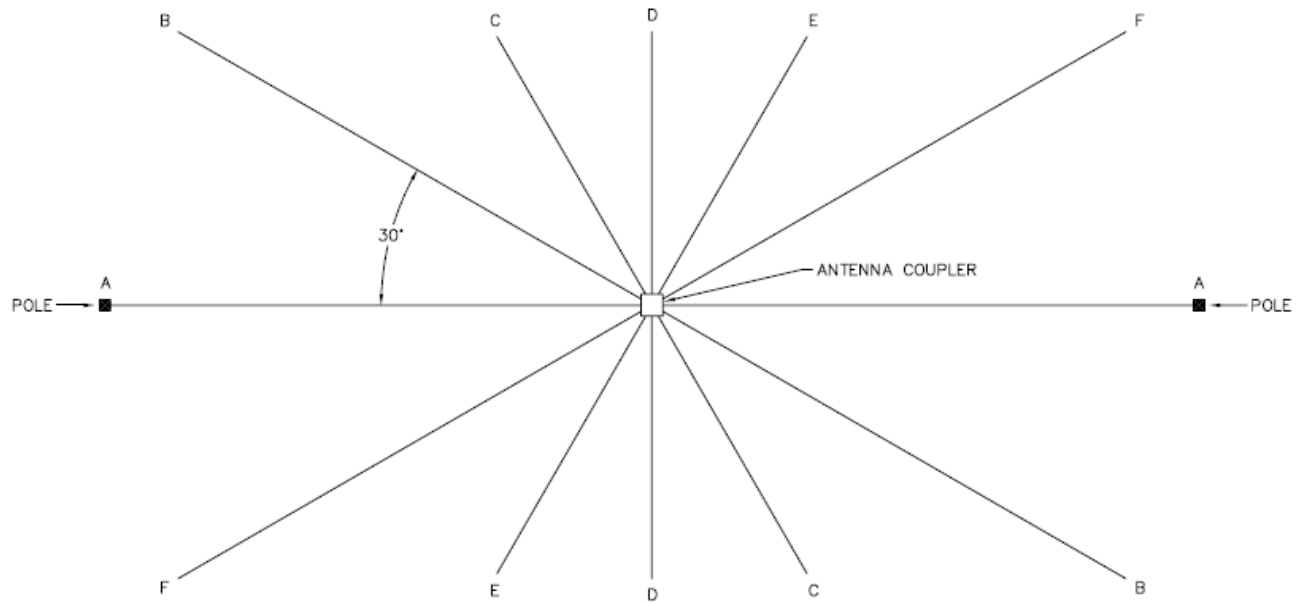
SPECIFICATION SHEET

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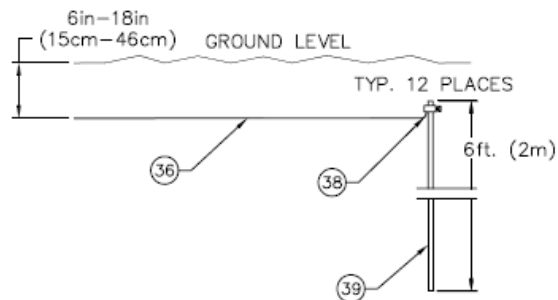


Application:	FEATURE	SPECIFICATION
<p>A Symmetrical "T" Antenna is recommended for use with a 125 - 250 Watt transmitter if sufficient land is available. It is the optimal land based antenna system.</p>	System Resistance	Typically 10 Ohms for good ground
<p>Signal range is a result of field strength which depends on TX power, electrical length and ground conditions</p>	Power Rating	1200 Watts (PEP)
<p>60 ft. (18m) grounded towers are required. They may be purchased from SAC or self-supplied. Towers are placed 300 ft. (91m) apart and have a 55 ft. (17m) vertical radiator and a 2 wire 280 ft. (85m) top hat. 3 guy wires support each tower.</p>	Capacitance	830pF
<p>The Antenna is designed for use with the PC1000C/3 or PC3000 Antenna Tuning Units which can have an optional AC power supply installed.</p>	Frequency of Operation	190-535 kHz
<p>*Information provided is subject to change without notice</p>	Range (125W Transmitter) over Good Ground	75 nautical miles at 190 kHz to 90 miles at 535 kHz
	Range (250W Transmitter) over Good Ground	90 nautical miles at 190 kHz to 105 nautical miles at 535 kHz
	Polarization	Vertical (Omni-directional pattern)
	Electrical Length	17m
	Wind Rating	130 mph (209km/h)
	Height of towers	60 ft. (18m)
	Ground Plot Requirements	160 ft. (49m) x 410 ft. (125m)
	Weight of installed towers	408 lbs. (185kg)
	Optional Equipment	Optional Supports, Installation Kit, Antenna Simulator, Obstruction Lights, Anti-Ice Insulators
	Temperature Range	-50° -+ 70°C
	Ice Rating	Derate Wind Rating with any ice accumulation
	12 Radial Ground System	1500 ft. (457m) of #10 AWG soft-drawn copper wire, 13 2m ground rods, ground clamps, associated hardware

## Counterpoise Diagram



LENGTH OF	
A-A	= 300 ft. (91m)
B-B	= 300 ft. (91m)
C-C	= 170 ft. (52m)
D-D	= 150 ft. (46m)
E-E	= 170 ft. (52m)
F-F	= 300 ft. (91m)
TOTAL	1390ft. (424m)



SIDE VIEW