



**Pole Shaft**

Constructed of seamless extruded 6063 Aluminum Alloy tube per ASTM B221 requirements. Poles have Ground Lug welded inside across from hand hole. Hand Hole is 3"x5" and has a reinforced frame.

**Embed Detail**

Direct Burial poles over 6" diameter will be partially flattened at the bottom side into an anti-rotational oval cross section. Wire access will be provided 24" below ground level line. Soil conditions vary by site. Foundation requirements should be determined by structural engineer with knowledge of jobsite soil conditions.

**Powder Coating**

All poles are sandblast prior to painting, Powder coat is applied to a minimum of 3 millimeters and baked at 400 °F temperature. CL-RSADB come with (3) three years warranty.

**Hand Hole Cover and Pole Cap**

CL-RSADB come with Aluminum Removable Pole Cap for side mount poles, Cast Hand Hole Cover are provided with Internal Bridge Support and are powder coated to match pole.

Example: CL-RSADB-10-4-.125-D180-BRZ-T3R

Cat #	Height	Pole O.D	Thickness	Mounting	Finish	Options
Round Straight Aluminum Direct Burial (CL-RSADB)	8' (8)	3"OD	.125"	Single	Bronze (BRZ)	Tenon
	10' (10)	(3R)*	(125)	(SGL)		2" 3/8 RND
	12' (12)	4"OD	.188"	Double 180°	White (WHT)	(T2R)
	14' (14)	(4R) **	(188)	(D180)		3'RND (T3R)
Round Straight Aluminum Fluted Direct Burial (CL-RSAFDB)	16' (16)	5"OD		Double 90°	Silver (SVR)	3" 1/2RND
	18' (18)	(5R)		(D90)		(T312R)
	20' (20)	6"OD		Triple 90°	Green (GRN)	4"1/2RND
	25' (25)	(6R)		(T90)		(T412R)
				Triple 120°	Black (BLK)	GFI Provision ONLY
			(T120)		(GFIK)	
			Quad (QD)	Graphite (GPH)	GFI KIT	
				Custom (CST)	(GFIK)	*Coupling
				Marine (MG)	(CPLG)	*Location @180 opposite to HH

Notes:  
 \*Available up to 10' Height  
 \*\*Available up to 16' Height

POLE EPA							
Maximum EPA (ft) allowance							
Height	Pole OD	Thickness.	90mph	100mph	110mph	120mph	130mph
10'	4"	.125	8.1	6.2	5.7	4.6	3.7
10'	5"	.125	15.8	12.4	11.6	9.6	8.2
12'	4"	.125	6.0	4.4	4.0	3.1	2.3
12'	5"	.125	12.0	9.36	8.6	7.2	6.0
12'	5"	.125	18.6	14.6	13.6	11.2	9.5
14'	4"	.125	4.4	3.1	2.7	1.9	1.3
14'	5"	.125	9.2	7.0	6.4	5.2	4.4
14'	5"	.188	14.8	11.4	10.6	8.85	7.4
16'	4"	.125	3.1	2.0	1.7	0.9	-
16'	5"	.125	7.1	5.1	4.7	3.8	3.1
16'	5"	.188	11.8	9.0	8.2	6.8	5.6
16'	6"	.188	25.8	20.6	19.2	16.0	13.4
18'	5"	.125	5.4	3.6	3.3	2.6	2.0
18'	5"	.188	9.2	6.8	6.2	5.1	4.2
18'	6"	.188	21.6	17.2	16.0	13.2	11.2
20'	5"	.125	3.8	2.3	2.1	1.5	1.1
20'	6"	.125	11.6	9.2	8.	6.9	5.7
20'	5"	.188	7.2	5.0	4.6	3.7	2.9
20'	6"	.188	18.0	14.4	13.2	11.0	9.2
25'	6"	.188	11.6	9.0	8.4	6.8	5.4

