

6m 4-Element Quad Spreader Calculation (All Dimensions in Inches)									
	Side	Diag.	1/2 Diag.	Boom Radius	Clamp	Straight Spreader Length	Bowed Spreader Multiplier	Bowed Spreader Decimal	Bowed Spreader Fractional
Reflector	62.5000	88.3883	44.1942	0.7500	0.3750	43.0692	1.0600	45.7208	45-3/4"
Driven Element	60.5000	85.5599	42.7800	0.7500	0.3750	41.6550	1.0600	44.2218	44-1/4"
Director-1	59.3750	83.9689	41.9845	0.7500	0.3750	40.8595	1.0600	43.3785	43-3/8"
Director-2	58.5000	82.7315	41.3657	0.7500	0.3750	40.2407	1.0600	42.7227	42-3/4"

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	Ref	DE	Dir-1	Dir-2
Circumference	250.0000	242.0000	237.5000	234.0000
Side Length	62.5000	60.5000	59.3750	58.5000
1st Corner Mark	31.2500	30.2500	29.6875	29.2500
2nd Corner Mark	93.7500	90.7500	89.0625	87.7500
3rd Corner Mark	156.2500	151.2500	148.4375	146.2500
4th Corner Mark	218.7500	211.7500	207.8125	204.7500
Total Wire Length	250.0000	244.0000	237.5000	234.0000