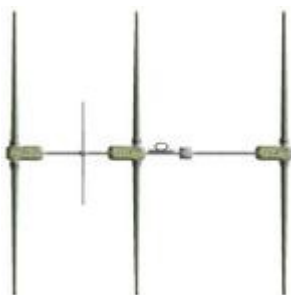


The 3 Element is the original SteppIR antenna. Using our proven technology it gives continuous frequency coverage from 13.9 to 54 Mhz. There have been many improvements over the years like the addition of a 40M rotatable Dipole and now you can upgrade to our latest controller the SDA100 for increased flexibility.



3 element with 6m passive option



3 element with 30/40 dipole, 6m passive options

SPECS	3E	3E 30/40
Boom length	16 feet	same
Boom	1 3/4 inch	same
Longest element	36 feet	39 feet
Turning Radius	19.7 feet	same
Weight	51 Lb	58 Lb
Mast clamps (included)	2 x 2 inch	same
Wind load	6.1 Sq/ft (cylindrical)	8.1 Sq/ft (cylindrical)
Wind rating	EIA 222-C	same
Adjustable elements	3	same
Power Rating	3 KW continuous	same
Feed points	1	same
Frequency coverage	13.9 – 54 Mhz	6.8 – 54 Mhz
Tunning rate	1.3 ft/sec	same
Control cable	12 conductor 22 Ga	same

Performance for Ham Bands	3E Gain, Dbi	3E Front to rear, Db	30/40 option gain, Dbi	30/40 option Front to rear, Db
40M	N/A	N/A	1.8	N/A
30M	N/A	N/A	2.1	N/A
20M	7.4	25		
17M	8.3	25		
15M	8.5	20		

12M	8.8	15		
10M	9.0	11		
6M- 3 elements	6.2	4		
6M- with optional passive element 50.0- 5.3 Mhz	10.1	30		

Order information	Part number	USA Price	Description	Option
3E	00203	\$1614	3 x 32 foot adjustable elements, for 20M through 6M; Includes SDA 100 basic controller.	
30/40M Dipole option	01410	\$375	Replaces the standard Driven element with a loop Dipole Element.	Yes
3E/2E Element Truss Kit	01601	\$89	Element trusses for loop element, does not improve wind or ice load limits. For appearance only.	Yes
3E/2E High wind Kit option	01201	\$149	Adds thicker mast plate and stronger attachment to the mast.	Yes
6M passive kit	06003	\$82	Adds one fixed passive element for 50.0- 5.3 Mhz for 4 elements total.	Yes
Transceiver interface	01321	\$75	See controller for details on additional cable options. Radio cable required.	Yes
12 conductor Control cable	03201-03222	See cable	22 Gage Shielded control cable for element motors and switching relays, see control cable for length information	
Control cable line filter	06112	\$85	Line filter (12 conductor) for filtering ESD and other unwanted voltages from the Control cable. Made by Array Solutions.	Yes
Connector junction box	01501	\$149	A pluggable junction of the control cable to antenna elements, replaces terminal blocks.	Yes
33 volt supply	01101	\$44	Used for control cable lengths over 200 feet	Yes
N connector	01102	\$16	Adds a N connector to the Driven element	Yes
30/40M Dipole replacement	00710	\$535	Kit designed to replace your standard Driven element with a loop Dipole Element, includes Firmware	
3E/2E High wind Kit Full	09607	\$159	Replace your current Mast plate with new double mast plate and hardware.	