

G4AON Universal Receiver

Bandpass filter components, all “Mesh capacitor-coupled input Chebyshev” designs from Elsie CAD program

Band	L1	L2	L3	C1	C2	C3	C4	C5	Toroid type	Turns
1.8 MHz	20.23uH	20.44uH	20.23uH	430pF	560pF	430pF	1800pF	1800pF	T50-2	64
3.5 MHz	15.79uH	15.91uH	15.9uH	130pF	150pF	130pF	910pF	910pF	T50-2	56
5 MHz	19.83uH	19.72uH	19.83uH	47pF	51pF	47pF	620pF	620pF	T50-2	63
7 MHz	13.98uH	13.84uH	13.98uH	39pF	43pF	39pF	470pF	470pF	T50-2	53
10 MHz	16.18uH	16.98uH	16.18uH	16pF	16pF	16pF	330pF	330pF	T50-2	58
14 MHz	8.40uH	8.02uH	8.40uH	16pF	18pF	16pF	240pF	240pF	T50-6	46
18 MHz	4.30uH	4.04uH	4.30uH	20pF	24pF	20pF	180pF	180pF	T50-6	33
21 MHz	4.11uH	4.26uH	4.11uH	15pF	16pF	15pF	160pF	160pF	T50-6	33
24 MHz	4.15uH	4.14uH	4.15uH	11pF	12pF	11pF	130pF	130pF	T50-6	32
28 MHz	2.77uH	2.86uH	2.77uH	12pF	13pF	12pF	120pF	120pF	T50-6	27

G4AON Universal Receiver bandpass filter configuration

