Starting Values for Tuning Components
Shelf Mux board Rev 1.1
BD Cabinet Backwall
Rev 5.0

Near Linux Board

Connector: M6e + BRD + GPIO

Component Values

Mux Antenna	U.FL Name	Series Element Name	Series Element Value	Parallel Element Name	Parallel Element Value
1	J1	L1	0 Ω	C6	68.1 Ω
3	J2	L2	2.7 nH	C7	90.9 Ω
7	J4	L3	0 Ω	C8	68.1 Ω
5	J3	L4	0 Ω	C9	68.1 Ω
2	J5	L5	0 Ω	C10	56 Ω
4	J6	L6	0 Ω	C11	68.1 Ω
8	J8	L7	2.7 nH	C12	90.9 Ω
6	J7	L8	2.7 nH	C13	150 Ω

0 Ω L1, L3, L4, L5, L6	5
2.7 nH L2, L7, L8	3
68.1 Ω C6, C8, C9, C11	4
56 Ω C10	1
90.9 Ω C7, C12	2
150 Ω C13	1

Connector: GPIO

Opposite Linux Board

Component Values

Mux Antenna	U.FL Name	Series Element Name	Series Element Value	Parallel Element Name	Parallel Element Value
1	J1	L1	0 Ω	C6	68.1 Ω
3	J2	L2	2.7 nH	C7	90.9 Ω
7	J4	L3	0 Ω	C8	68.1 Ω
5	J3	L4	0 Ω	C9	68.1 Ω
2	J5	L5	0 Ω	C10	56 Ω
4	J6	L6	0 Ω	C11	68.1 Ω
8	J8	L7	2.7 nH	C12	90.9 Ω
6	J7	L8	0 Ω	C13	150 Ω

0 Ω L1, L3, L4, L5, L6,L8	6
2.7 nH L2, L7	2
68.1 Ω C6, C8, C9, C11	4
56 Ω C10	1
90.9 Ω C7, C12	2
150 Ω C13	1