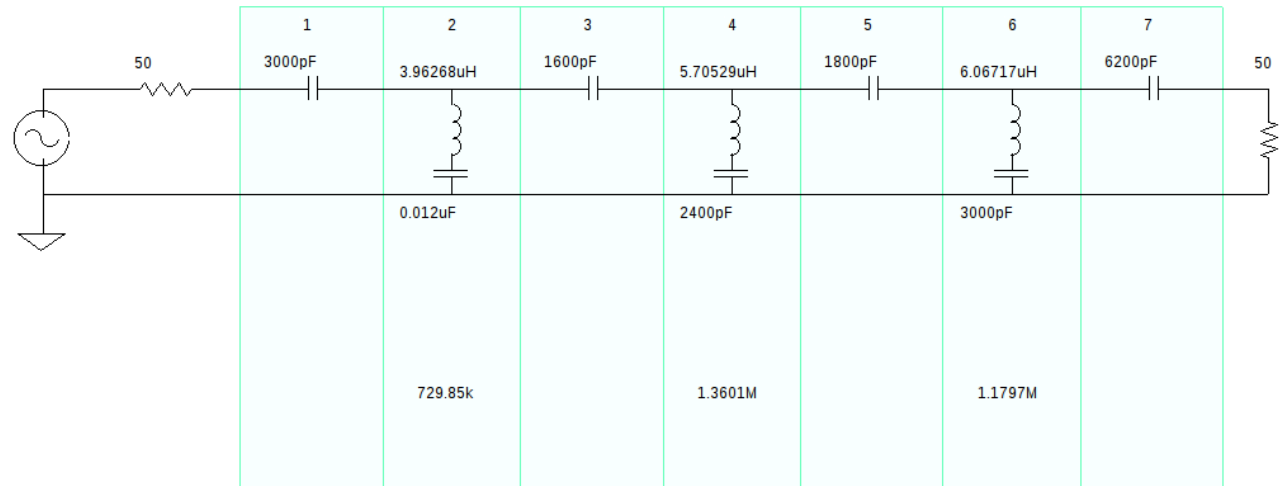
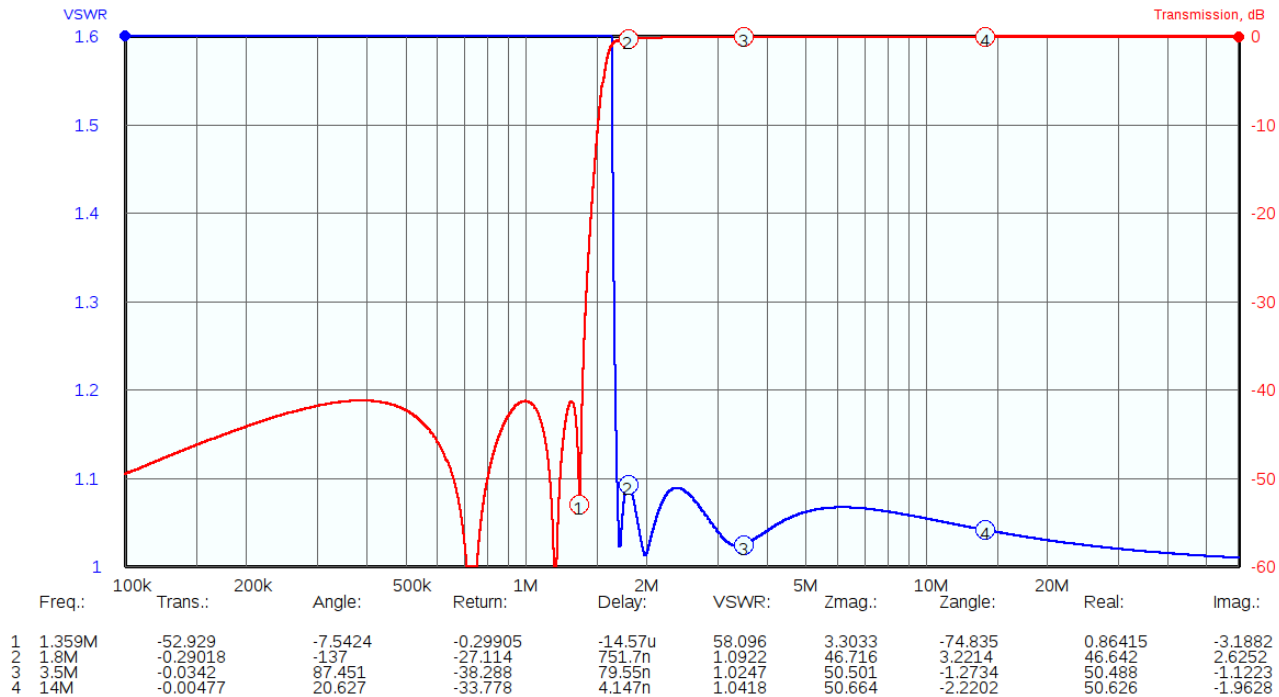


The following are a set of plots for suitable Hi pass filters for Hermes lite. All filters are 5 pole Cauer and designed with a maximum of 2 E12 caps in parallel but in most cases will be a single capacitor.

160 Metre Plot and schematic follow



Design data:
Bandwidth: 1.7M
Family: Manual entry

Q values:
Inductors: 140
Capacitors: 1000

Maximum / minimum ratios:
Capacitors: 7.5
Inductors: 1.5311

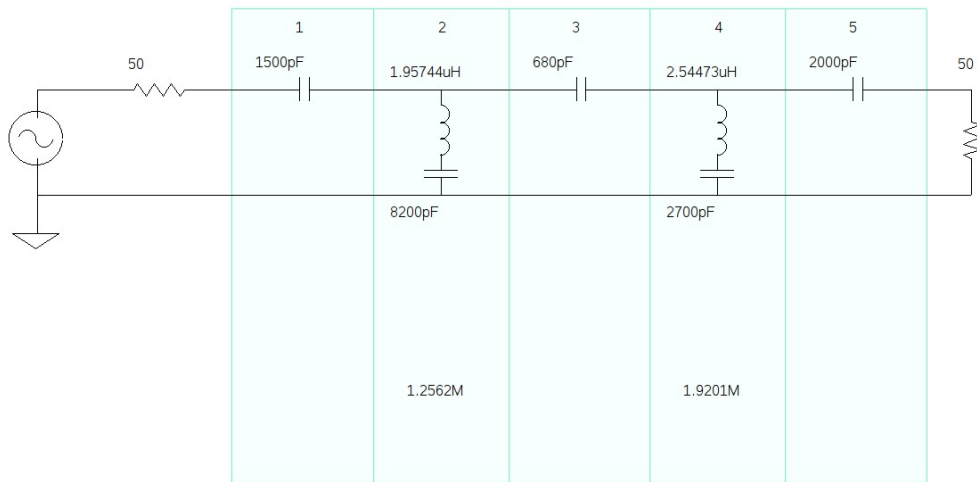
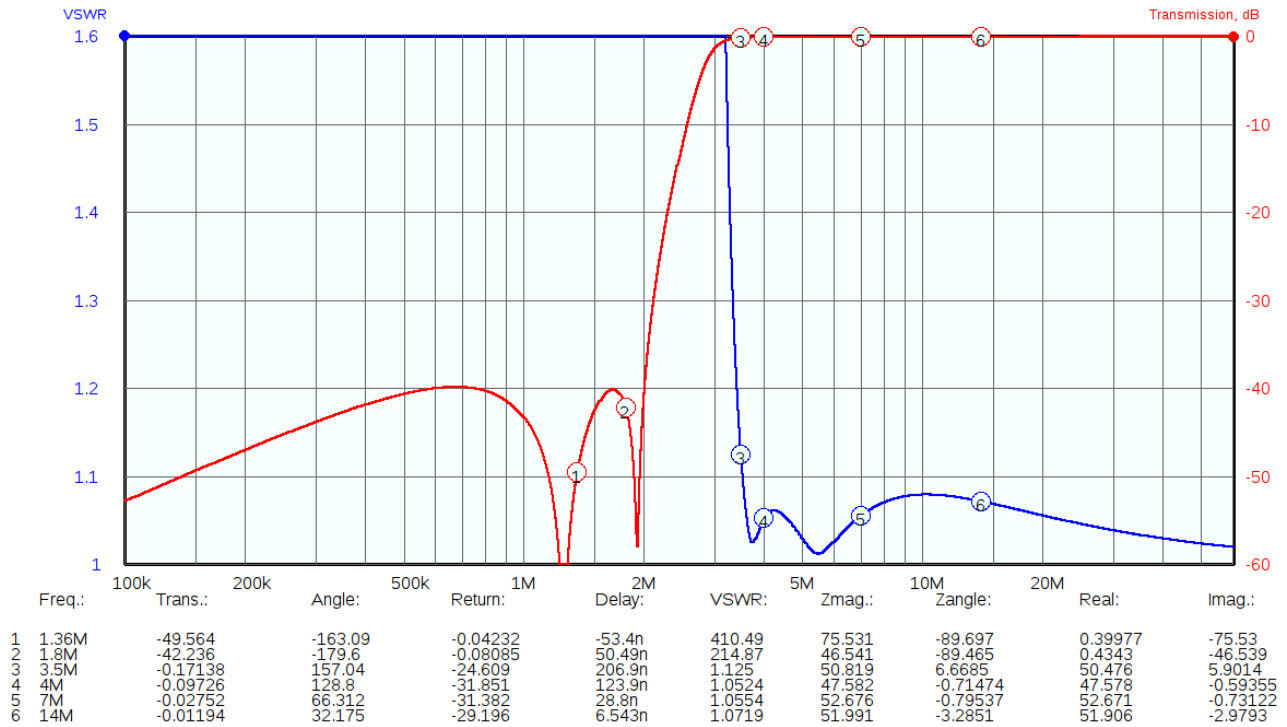
Unbalanced preview

Normal - unbalanced

Balanced - A

Balanced - B

80 Metre Plot and schematic follow



Design data:
Bandwidth: 3.4M
Family: Manual entry

Q values:
Inductors: 140
Capacitors: 1000

Maximum / minimum ratios:
Capacitors: 12.059
Inductors: 1.3

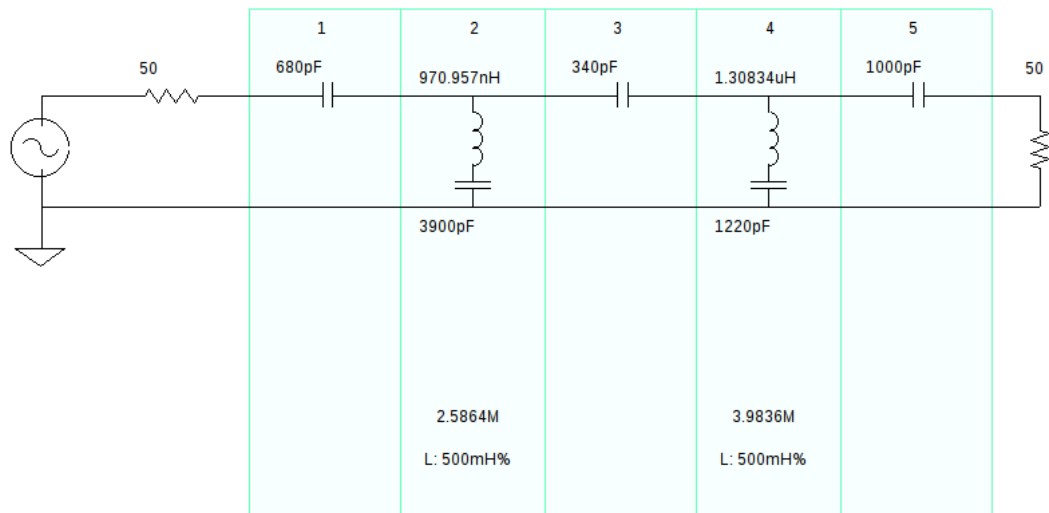
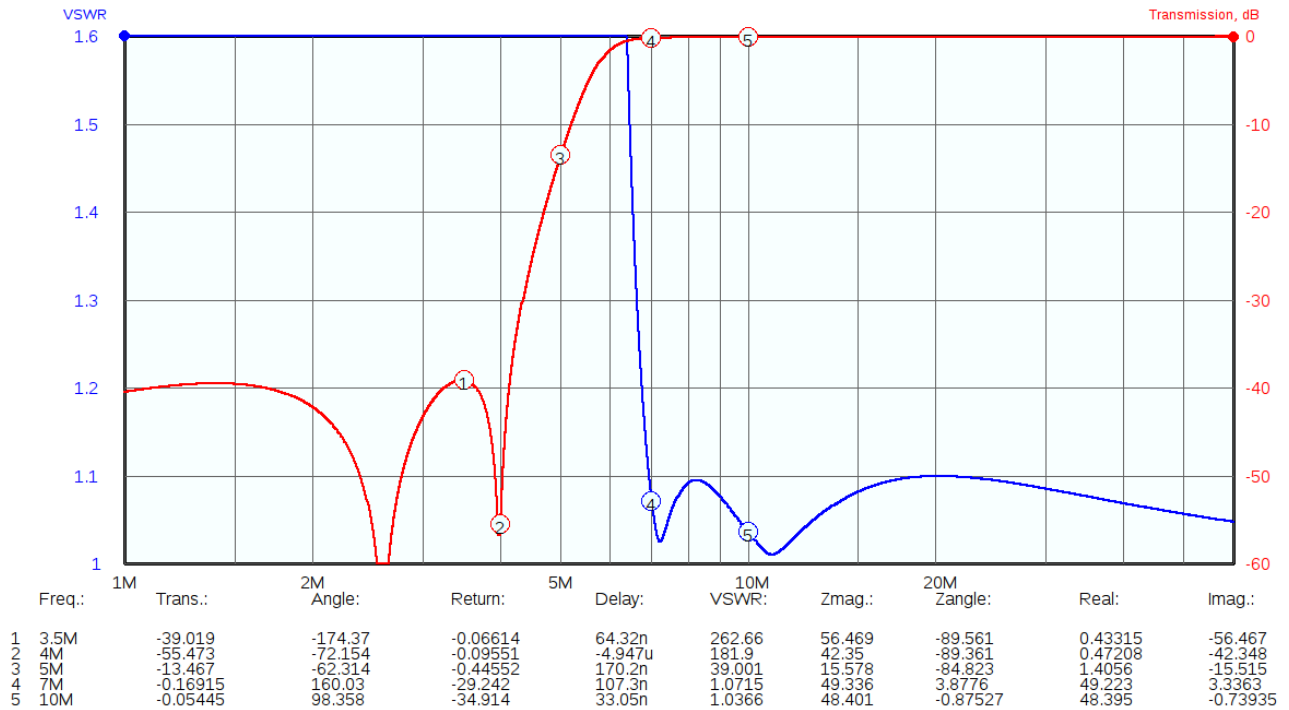
Unbalanced preview

Normal - unbalanced

Balanced - A

Balanced - B

40 Metre Plot and schematic follow



Design data:
Bandwidth: 6.9M
Family: Manual entry

Q values:
Inductors: 140
Capacitors: 1000

Maximum / minimum ratios:
Capacitors: 11.471
Inductors: 1.3475

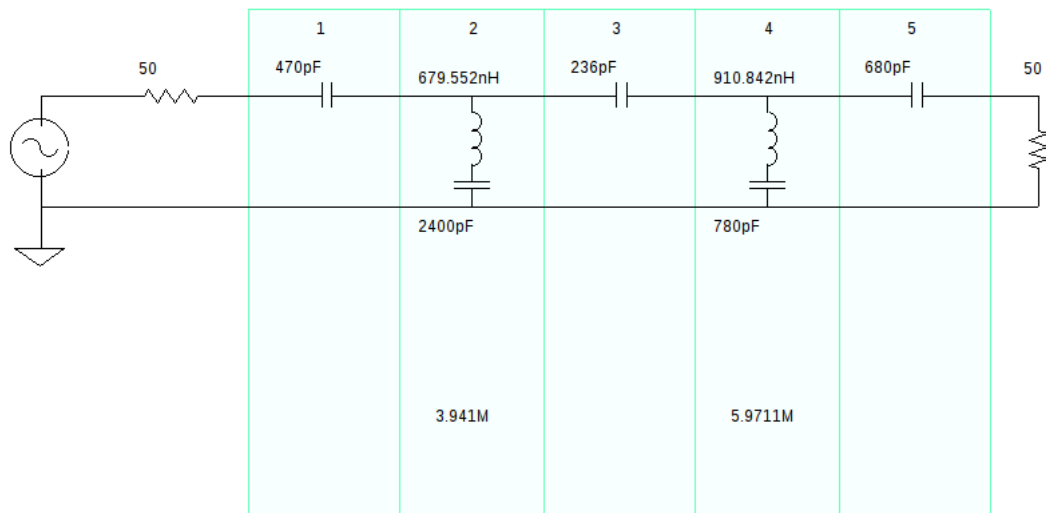
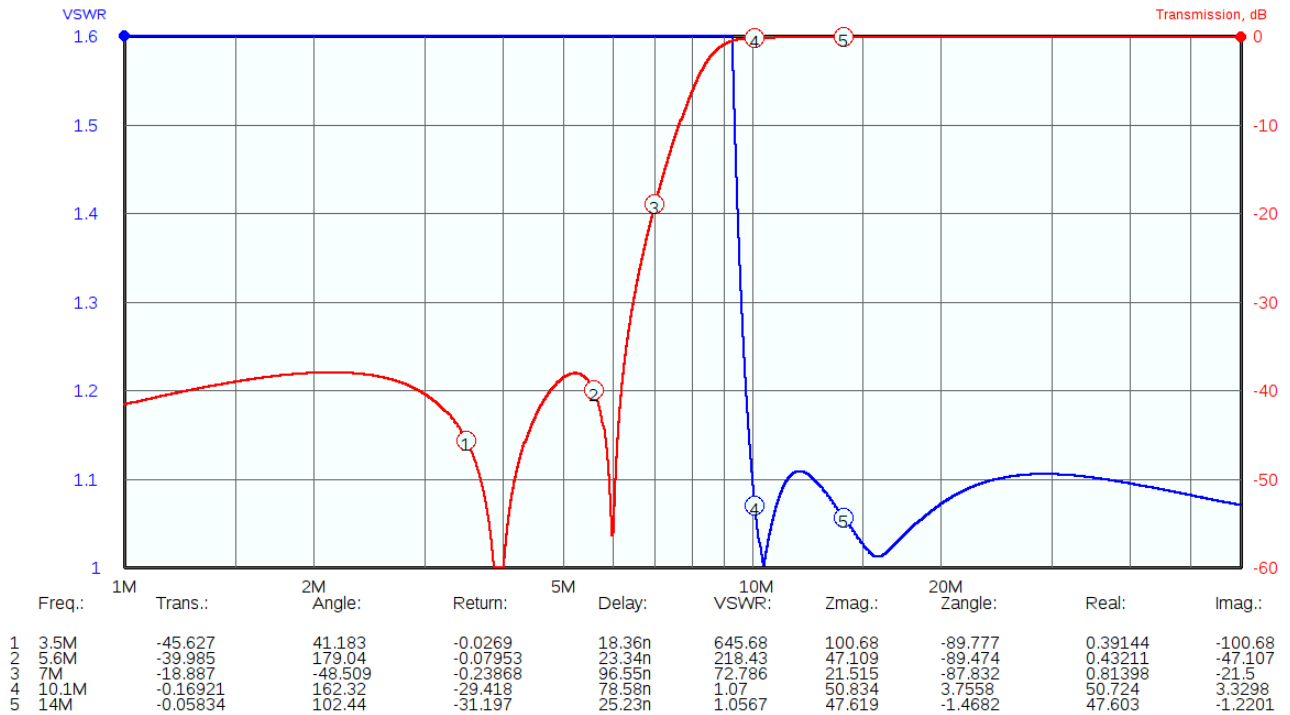
Unbalanced preview

☐ Normal - unbalanced

☐ Balanced - A

☐ Balanced - B

30-20 Metre Plot and schematic follow



Design data:
Bandwidth: 10M
Family: Manual entry

Q values:
Inductors: 150
Capacitors: 1000

Maximum / minimum ratios:
Capacitors: 10.169
Inductors: 1.3404

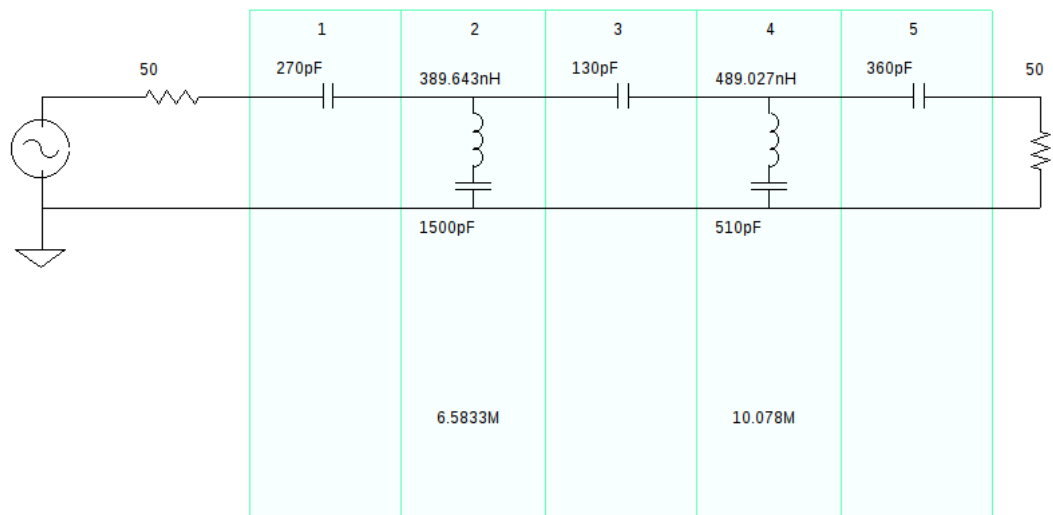
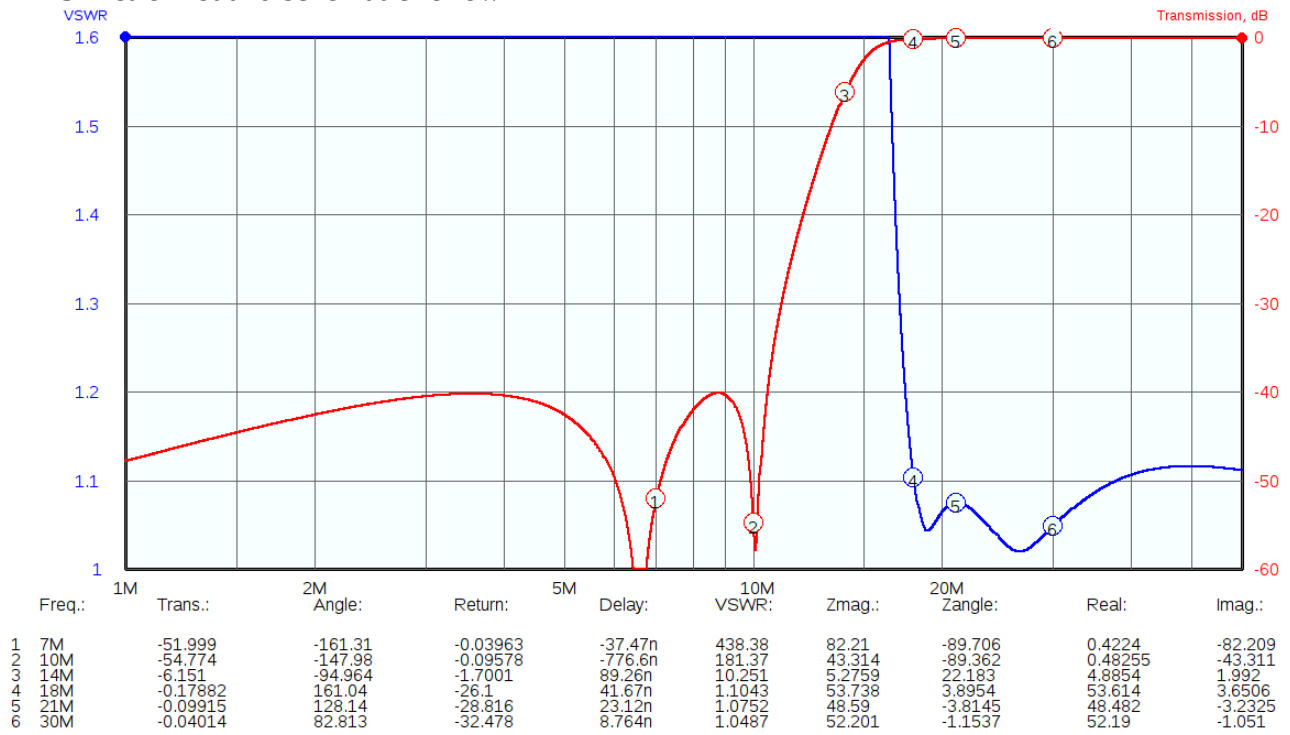
Unbalanced preview

Normal - unbalanced

Balanced - A

Balanced - B

17-15 Metre Plot and schematic follow



Design data:
Bandwidth: 18.06M
Family: Manual entry

Q values:
Inductors: 140
Capacitors: 1000

Maximum / minimum ratios:
Capacitors: 11.538
Inductors: 1.2551

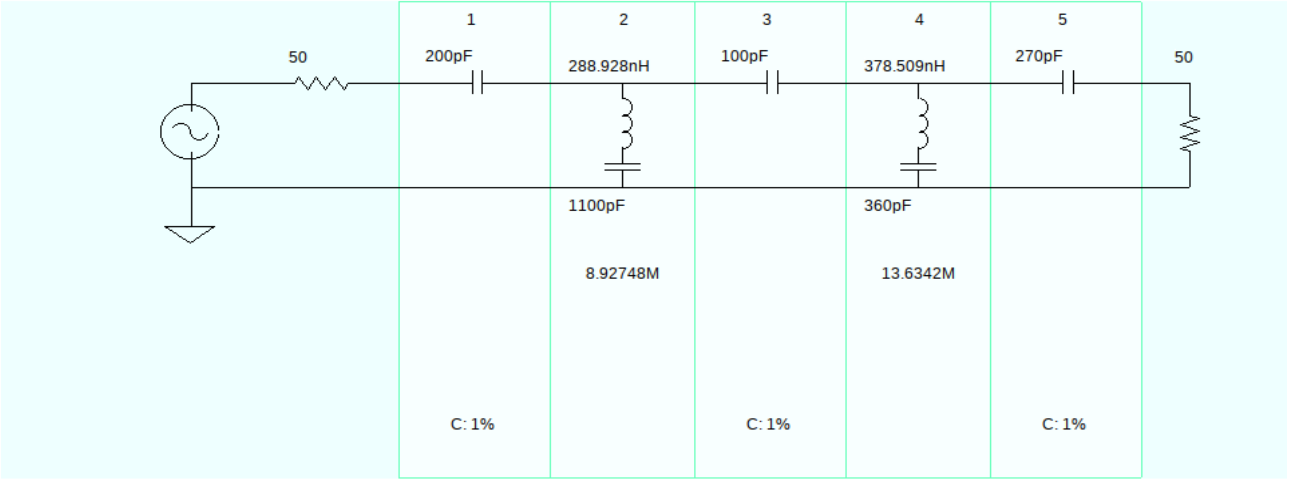
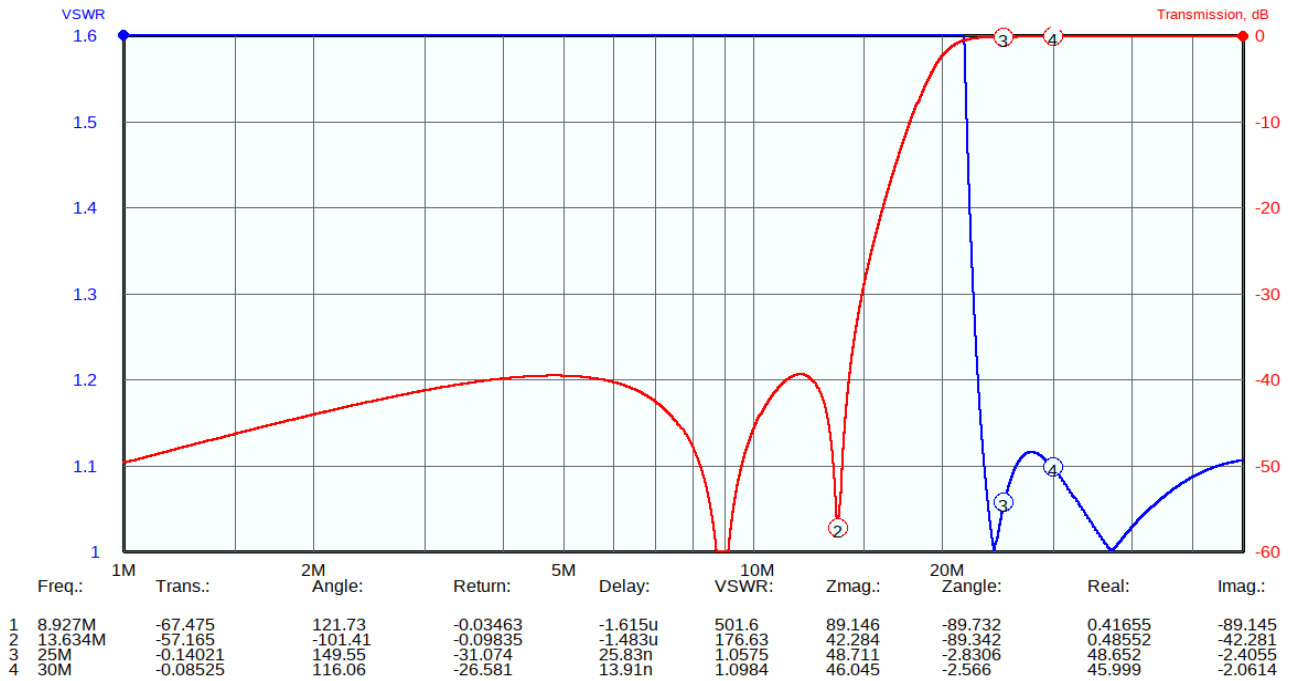
Unbalanced preview

☐ Normal - unbalanced

☐ Balanced - A

☐ Balanced - B

12-10 Metre Plot and schematic follow



Design data:
Bandwidth: 24M
Family: Manual entry

Q values:
Inductors: 140
Capacitors: 1000

Show Q-value resistances?
☒ No
☐ Yes

Maximum / minimum ratios:
Capacitors: 11
Inductors: 1.31

Largest capacitor: 1100pF
Smallest capacitor: 100pF

Largest inductor: 378.509nH
Smallest inductor: 288.928nH

Unbalanced preview

Normal - unbalanced

Balanced