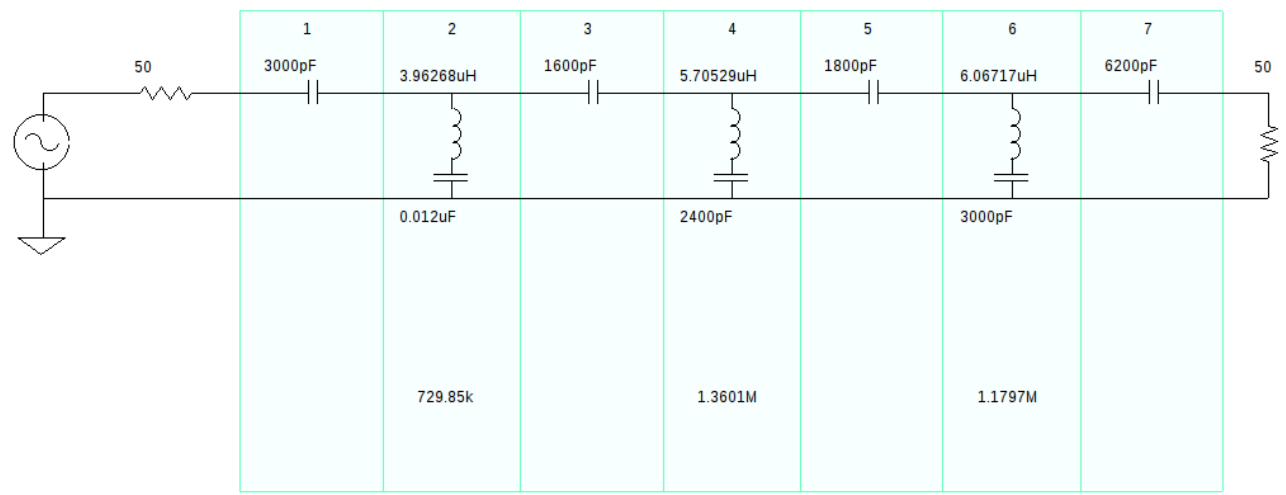
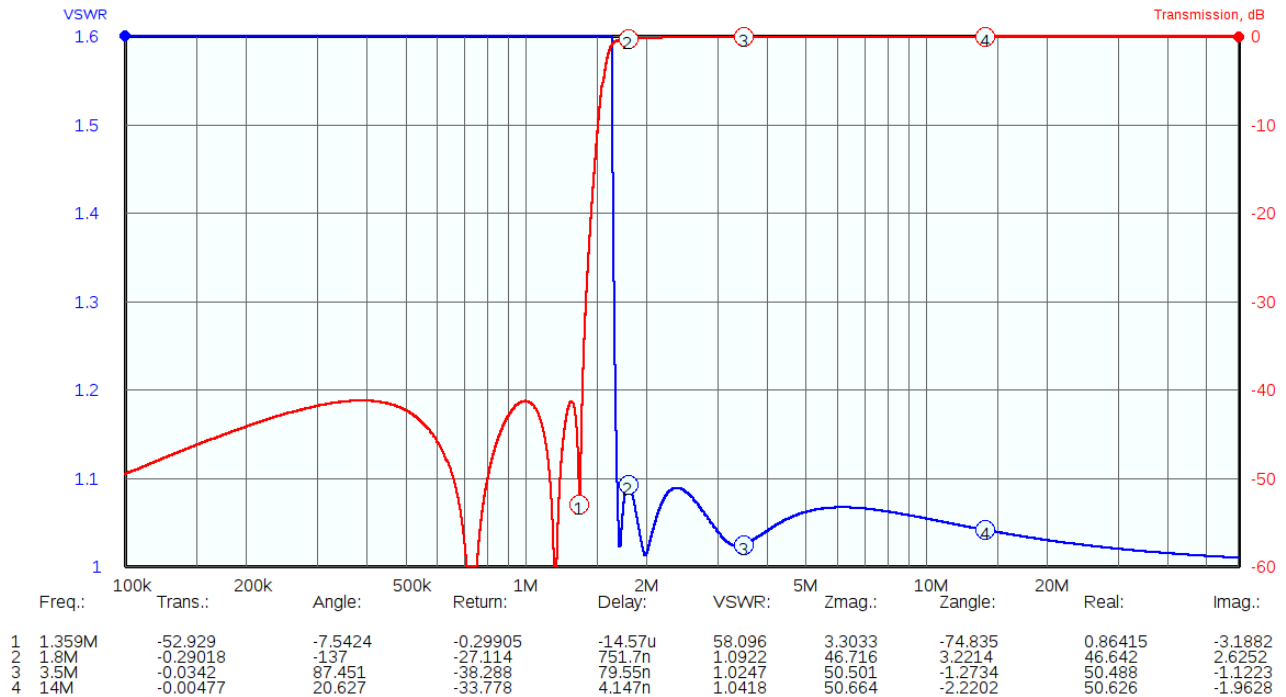


The following are a set of plots for suitable Hi pass filters for Hermes lite. All filters are 5 pole Cauer and designed with a maximum of 2 E12 caps in parallel but in most cases will be a single capacitor.

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

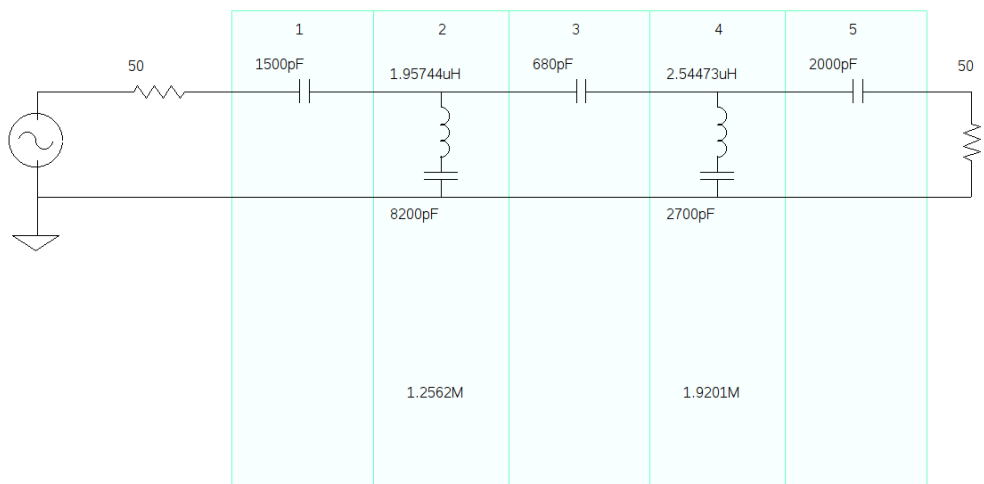
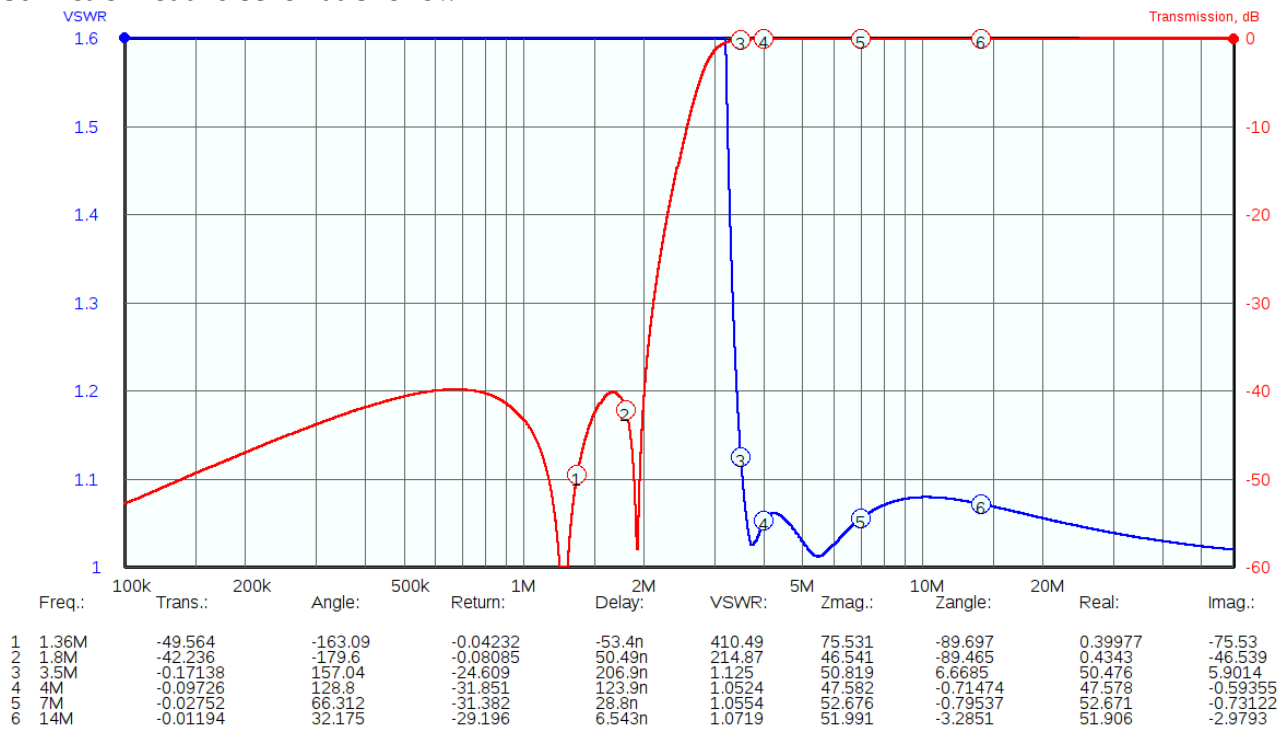
Unbalanced preview

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

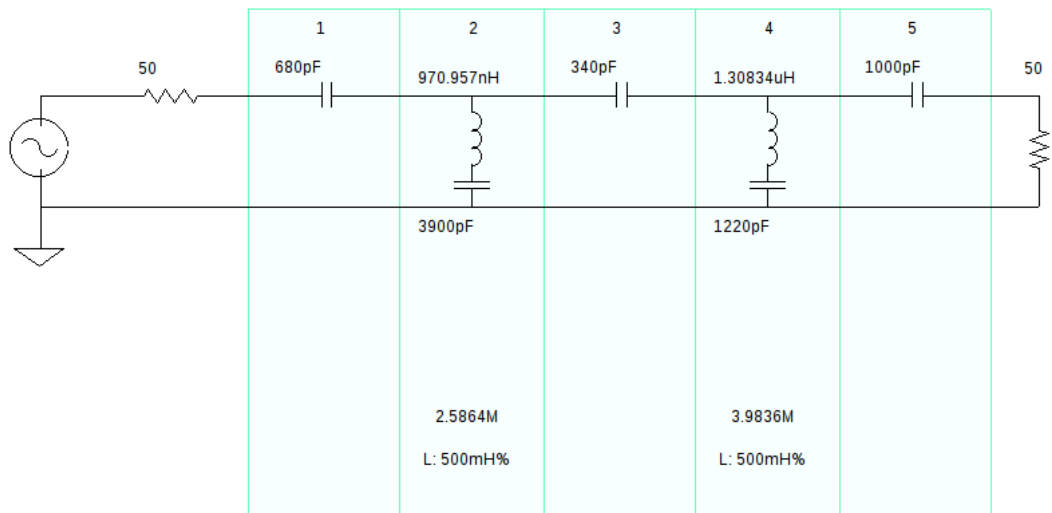
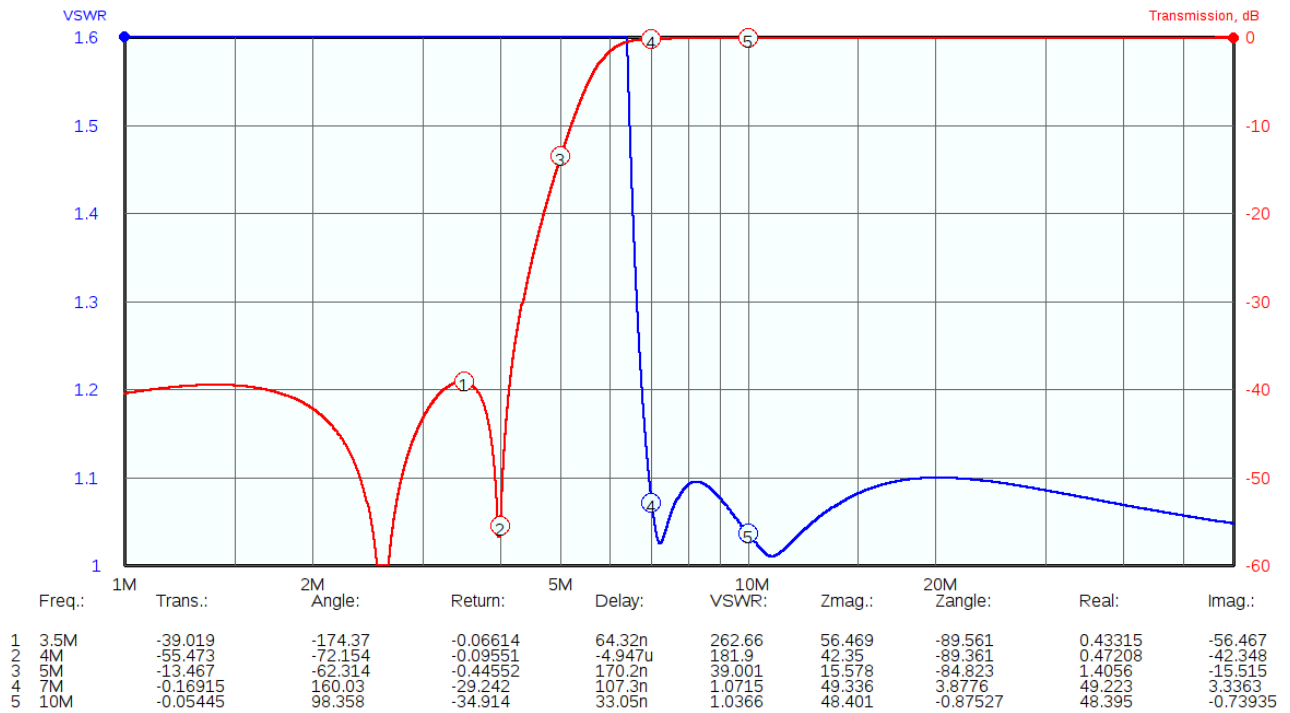
Unbalanced preview

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

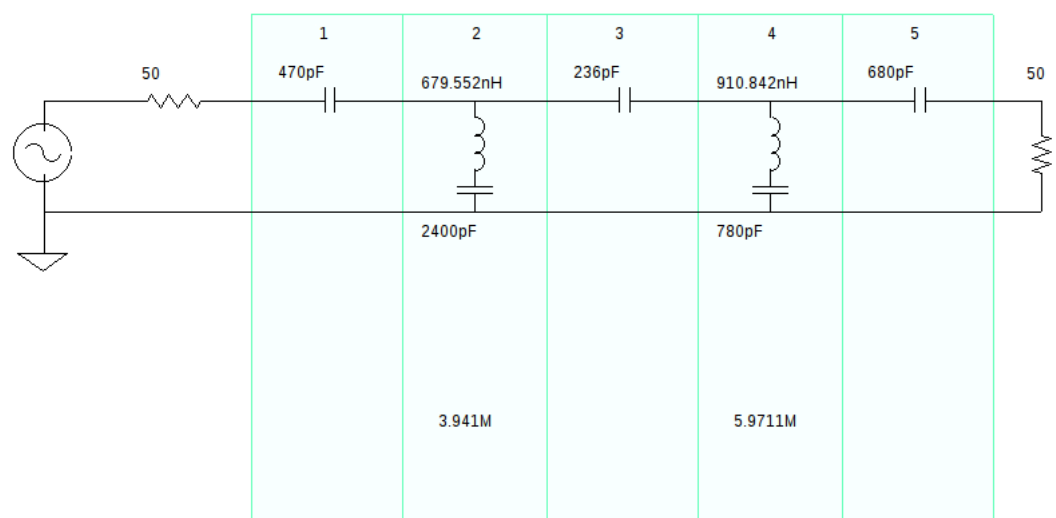
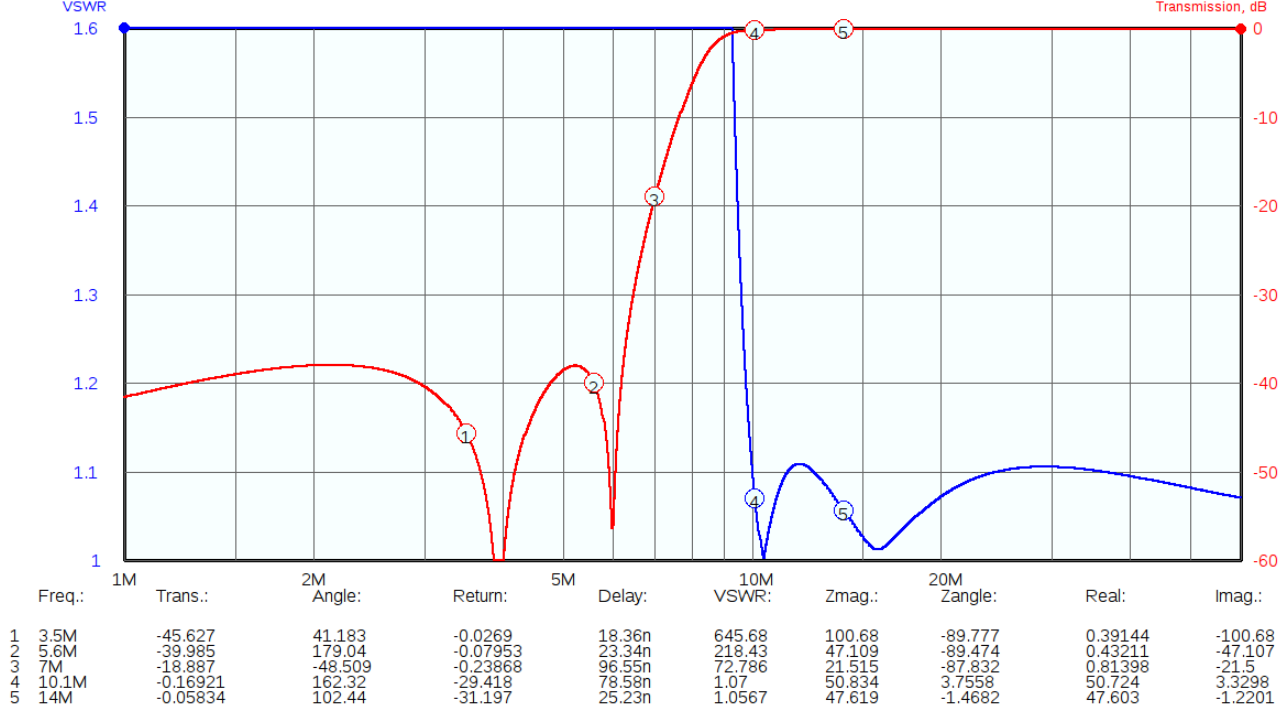
Unbalanced preview

Normal - unbalanced

Balanced - A

Balanced - B

30-20 Metre Plot and schematic follow



Design data:
Bandwidth: 10M
Family: Manual entry

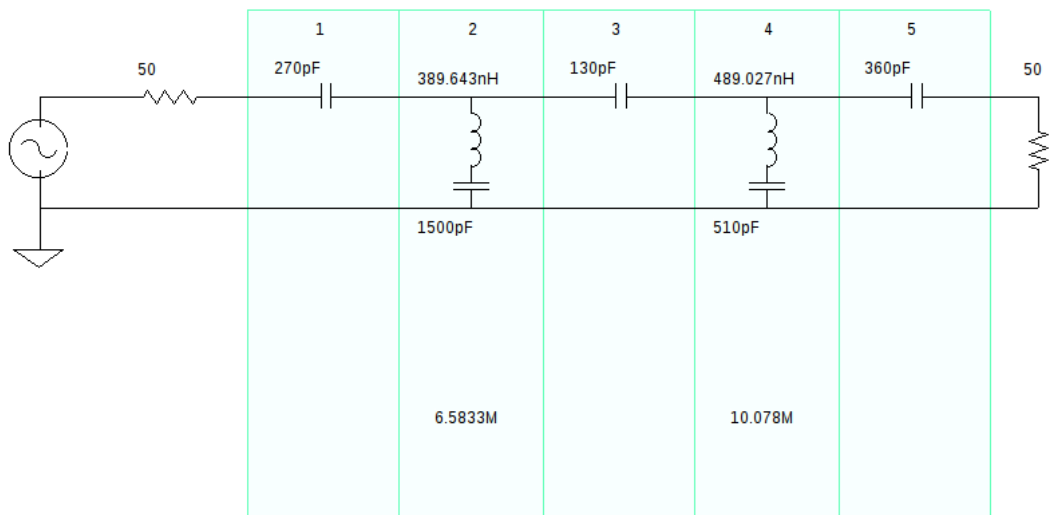
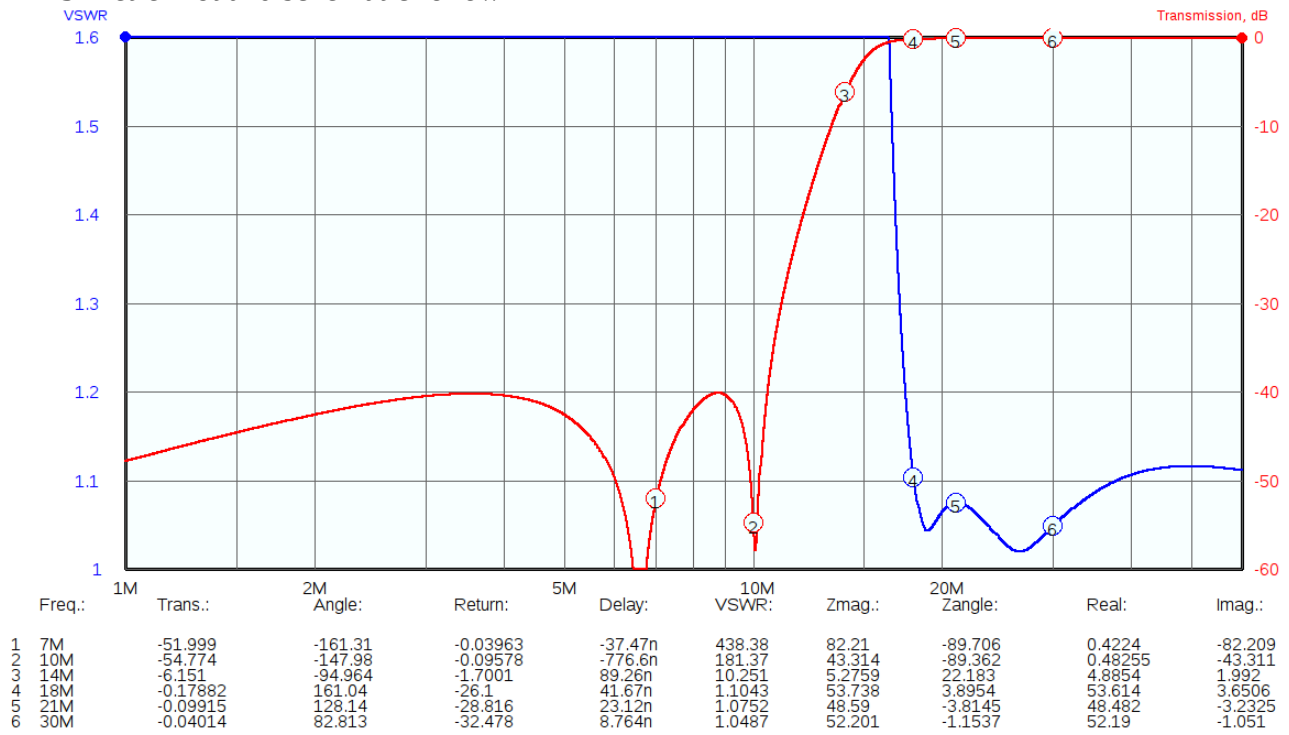
Q values:
Inductors: 150
Capacitors: 1000

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

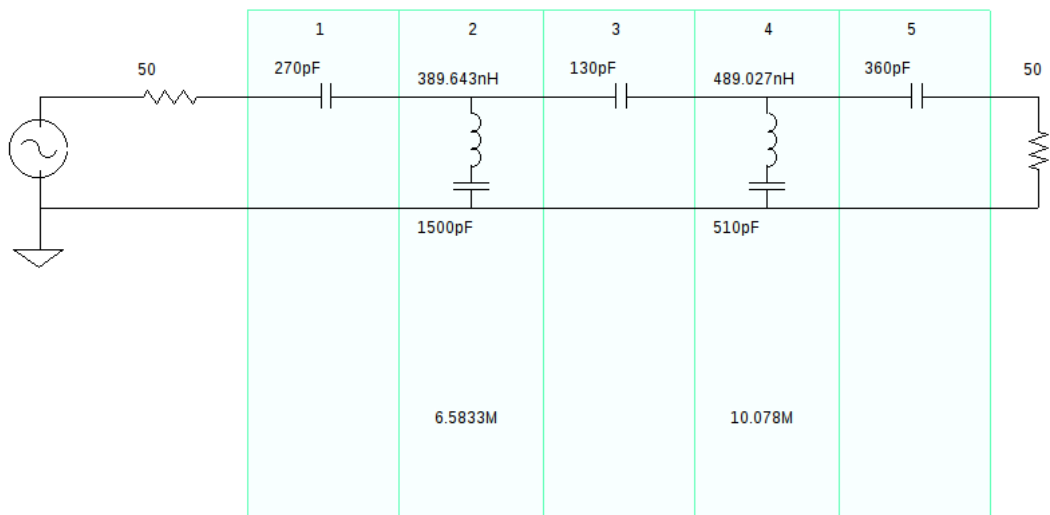
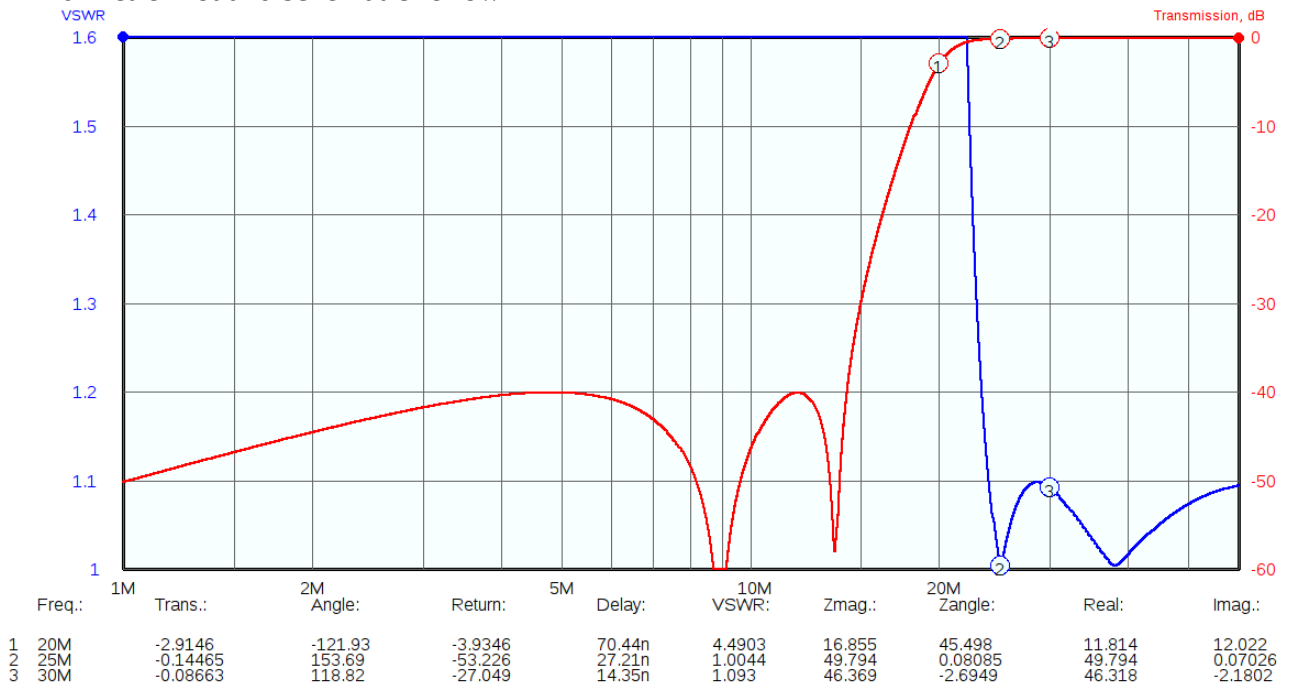
Unbalanced preview

☐ Normal - unbalanced

☐ Balanced - A

☐ Balanced - B

12-10 Metre Plot and schematic follow



Design data:
Bandwidth: 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