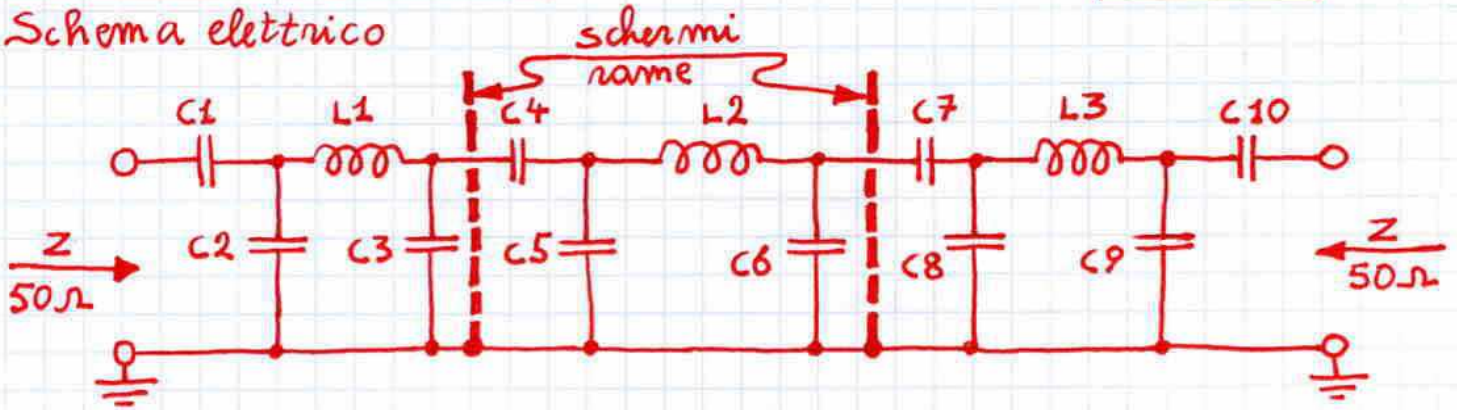


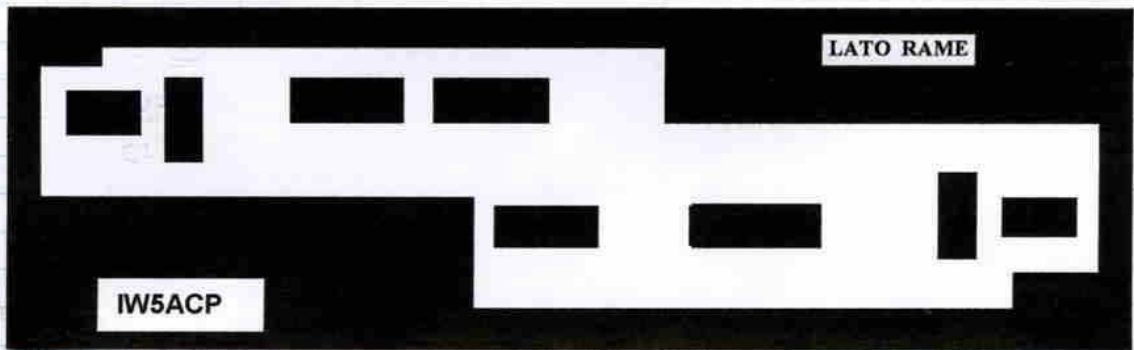
Schema elettrico



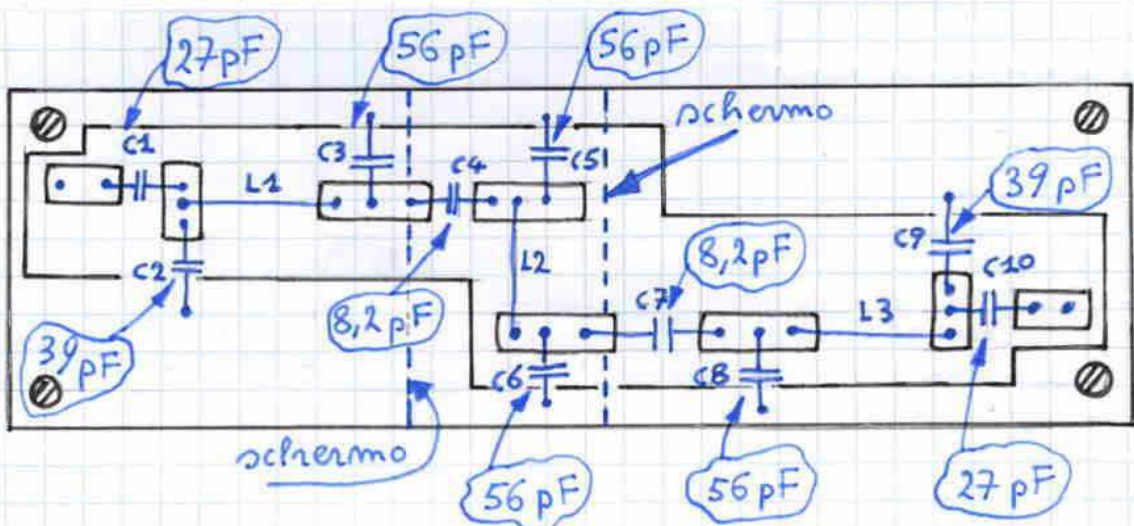
Elenco componenti

- | | | |
|-------------|--------|--|
| C1-C10 | 27 PF | } ceramici 1 KVDC |
| C2-C9 | 39 PF | |
| C3-C5-C6-C8 | 56 PF | |
| C4-C7 | 39 PF | |
| L1-L2-L3 | 314 mH | } filo rame argentato ϕ 1,3 mm
5 spire ϕ 14 mm
spaziatura 1 mm |

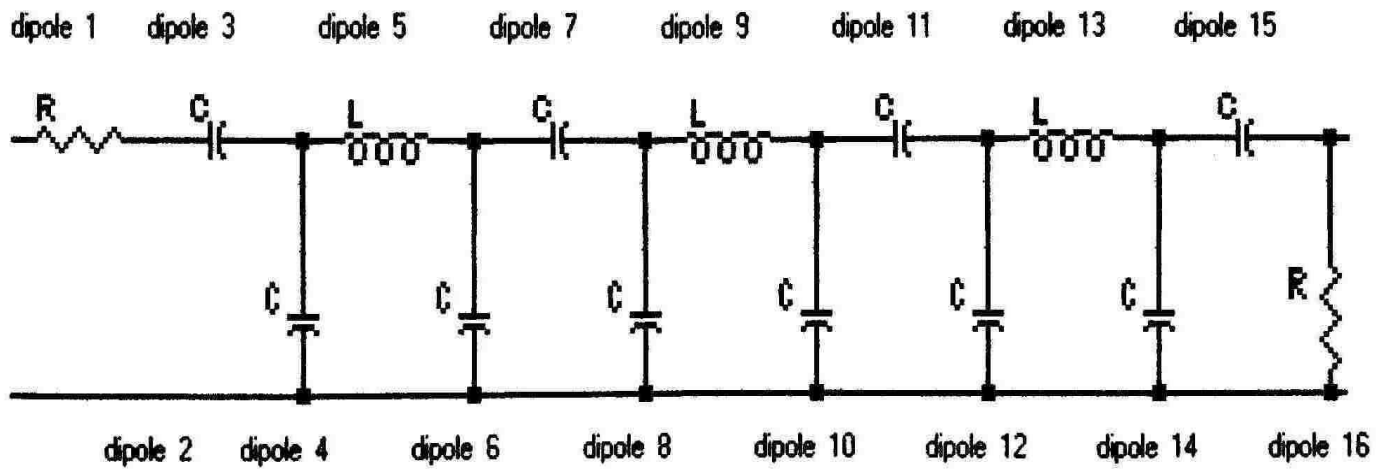
Circuito stampato (singola faccia) (cm 14,5 x 4,5)
(componenti su lato rame)



Disposizione componenti



Il filtro è simmetrico quindi gli ingressi RTX e ANTENNA possono essere scambiati fra loro



DIPOLE 1
R 1=50,

DIPOLE 8
C 8=56,pF

Qu~200,
F(L13C12)=
38,075781MHz

Capacitance Spread = C 6 : C 7 = 6,829
Inductance Spread = L 5 : L 5 = 1,

DIPOLE 3
C 3=27,pF

DIPOLE 9
L 9=312,nHy

DIPOLE 14
C 14=39,pF
F(C14L13)=
45,625804MHz

DIPOLE 4
C 4=39,pF

F(L9C8)=
38,075781MHz

DIPOLE 5
L 5=312,nHy
Qu~200,
F(L5C4)=
45,625804MHz

DIPOLE 10
C 10=56,pF
F(C10L9)=
38,075781MHz

DIPOLE 15
C 15=27,pF
DIPOLE 16
R 16=50,

DIPOLE 6
C 6=56,pF
F(C6L5)=
38,075781MHz

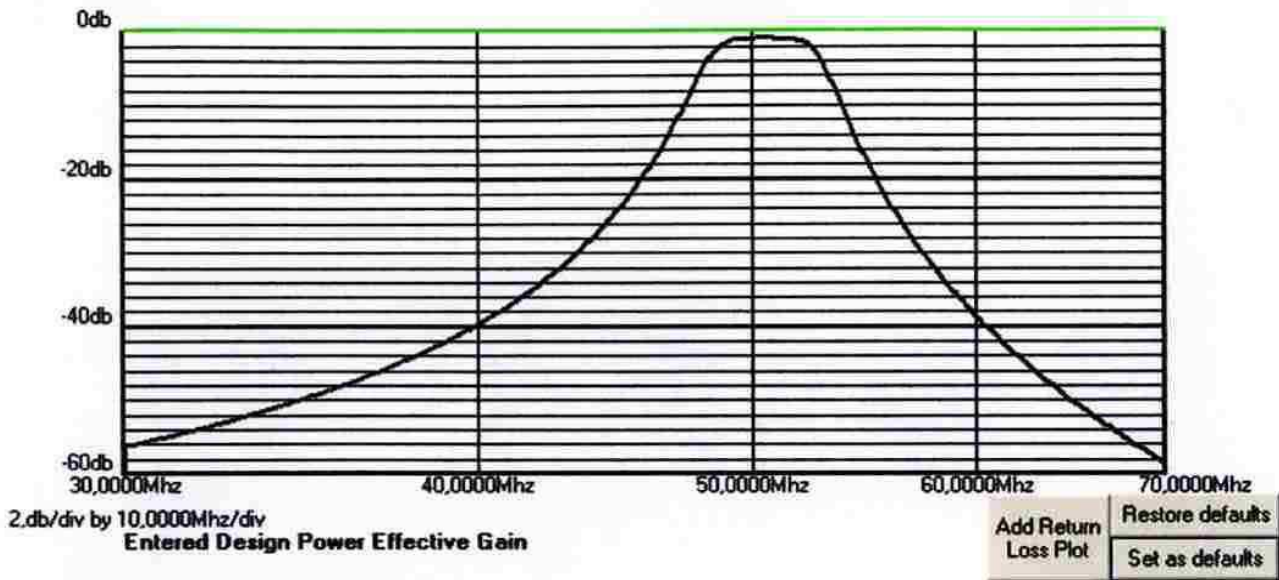
DIPOLE 11
C 11=8,2pF

DIPOLE 12
C 12=56,pF

DIPOLE 7
C 7=8,2pF

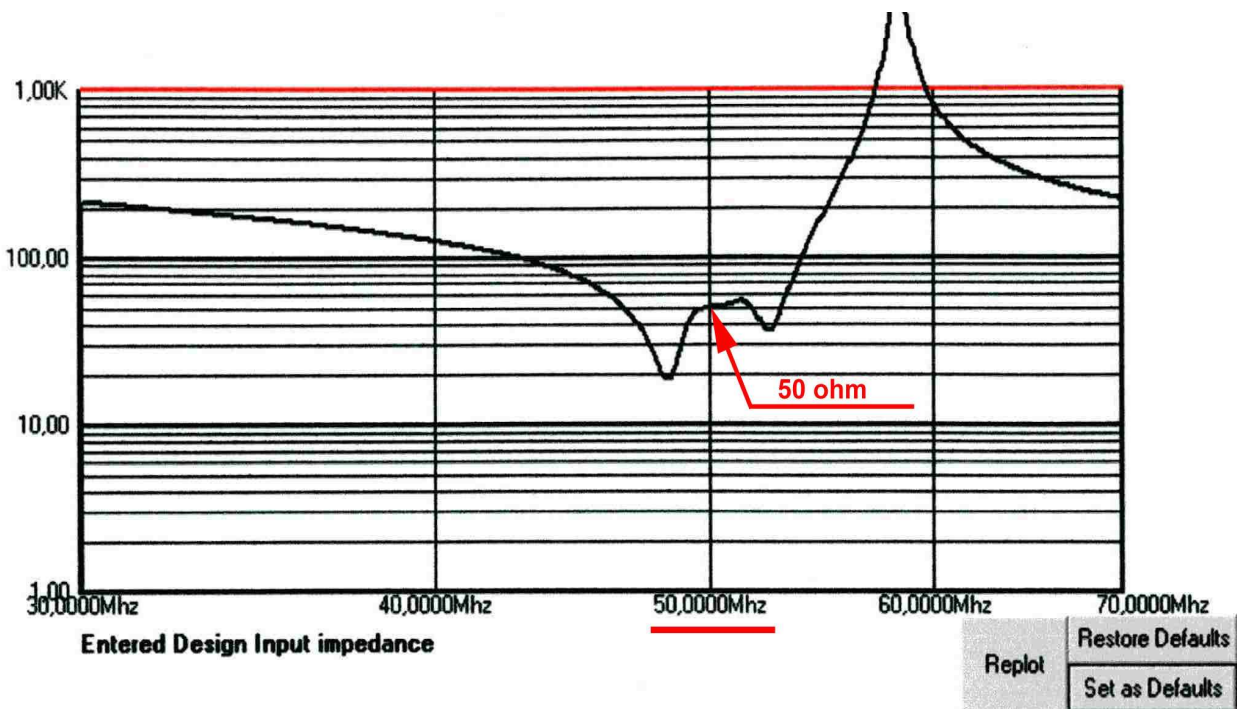
DIPOLE 13
L 13=312,nHy

**SCHEMA ELETTRICO
PER SIMULAZIONE**

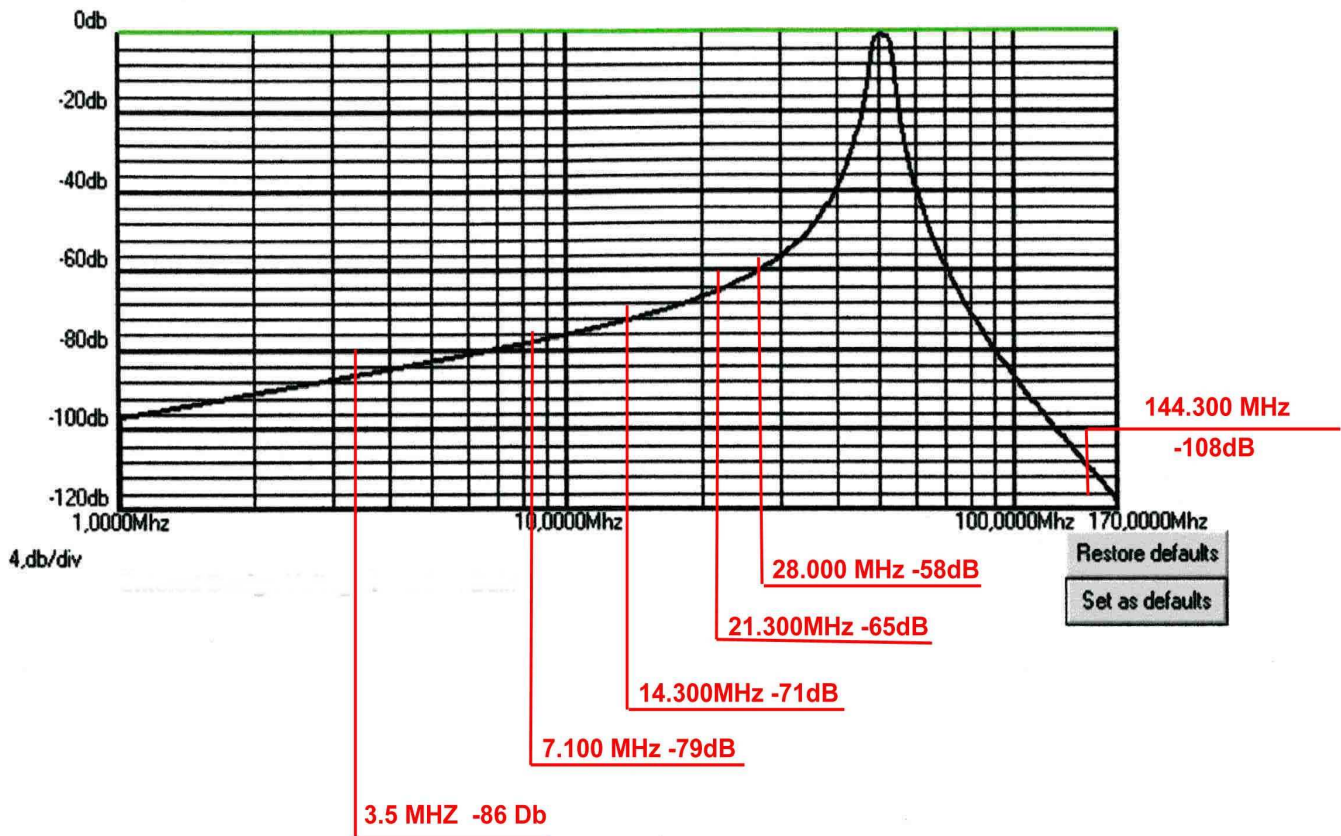


**RISPOSTA IN FREQUENZA
FRA 30 - 70 MHz
(Teorica)**

**- 1 dB (49.800 - 51.500 MHz)
- 3 dB (48.400 - 52.800 MHz)**

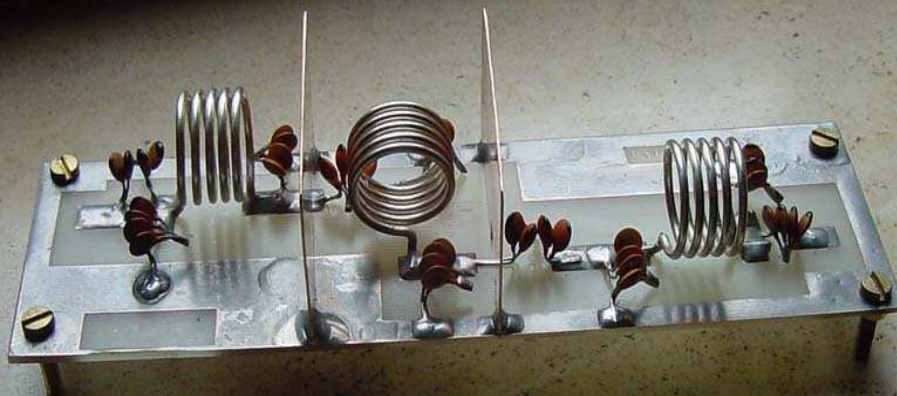


**IMPEDENZA DI INGRESSO E USCITA
(Teorica)**

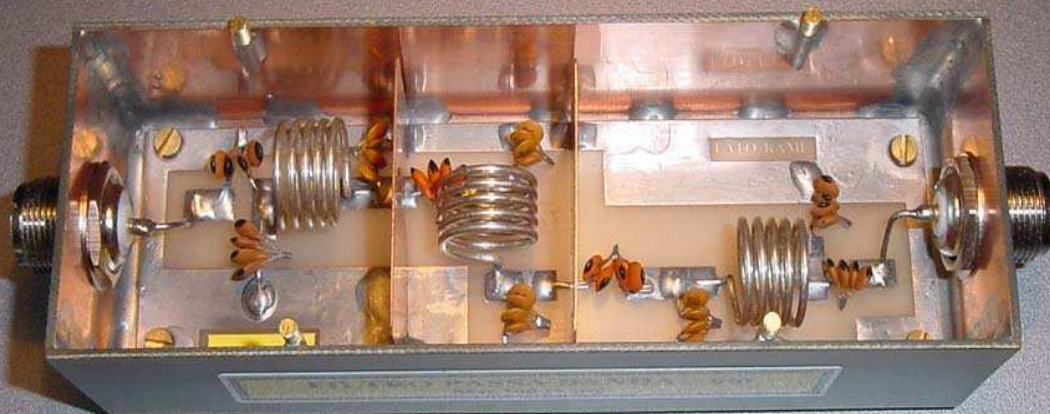


RISPOSTA IN FREQUENZA FRA 1 - 170 MHz (Teorica)

FILTRO PASSA BANDA - 6m



FILTRO PASSA BANDA - 6m



IW5ACP

FILTRO PASSA BANDA - 6m



Dimensioni: mm 156 X 53 X 40

IW5ACP