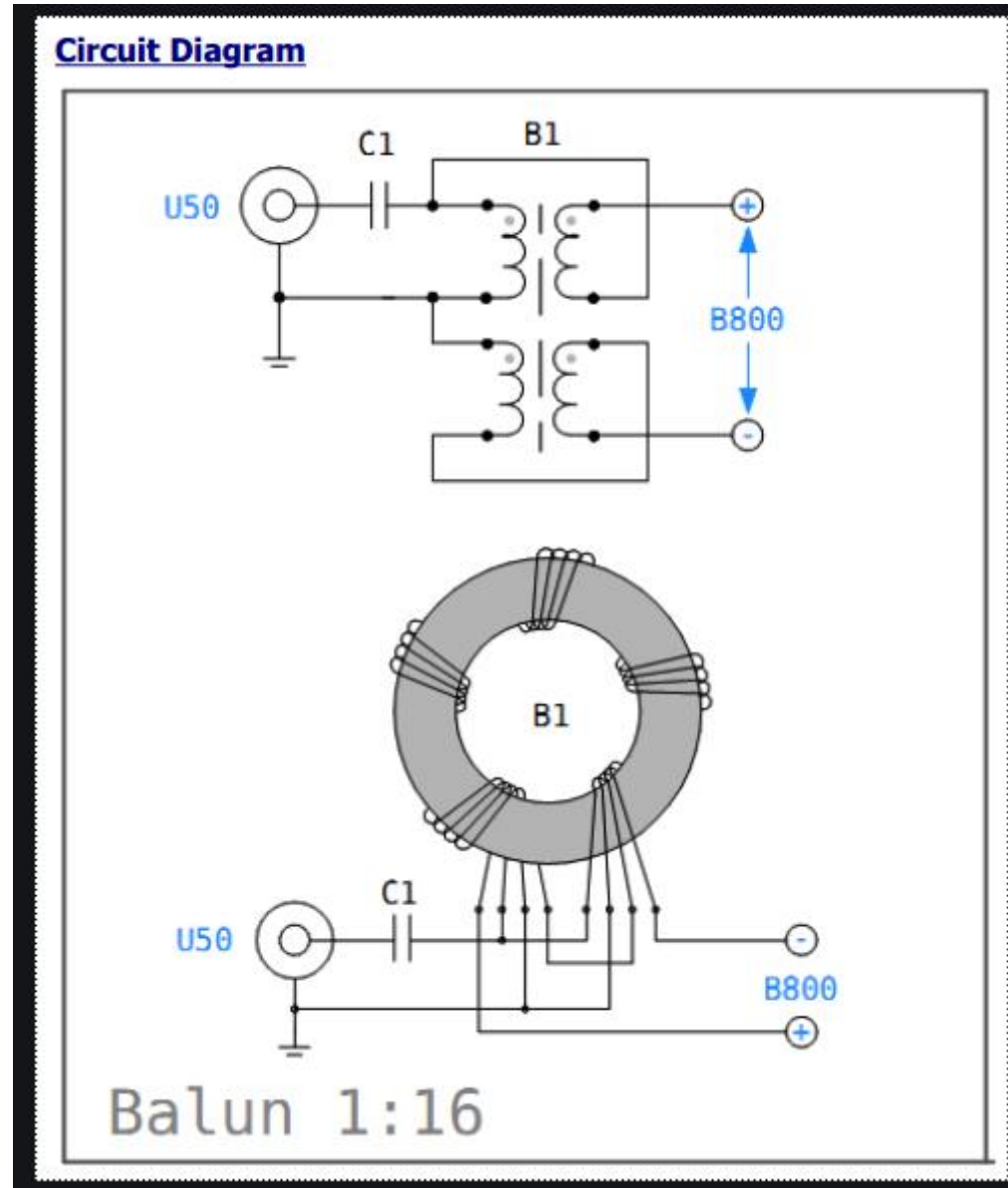


1:16 Balun

nach IZ9UPS



1:16 Balun nach IZ0UPS

| Ω | 30 MHz | 28 MHz | 24.9 MHz | 21.1 MHz | 18.1 MHz | 14.1 MHz | 10.1 MHz | 7.1 MHz | 3.6 MHz | 1.9 MHz |
|----------|--------|--------|----------|----------|----------|----------|----------|---------|---------|---------|
| 2700.0 | 5.3 | 4.6 | 4.0 | 3.5 | 3.1 | 2.7 | 2.4 | 2.3 | 2.3 | 2.3 |
| 1800.0 | 4.7 | 4.3 | 3.5 | 3.0 | 2.6 | 2.3 | 2.0 | 1.8 | 1.7 | 1.7 |
| 1500.0 | 4.6 | 4.1 | 3.3 | 2.8 | 2.5 | 2.2 | 1.8 | 1.7 | 1.5 | 1.5 |
| 1200.0 | 4.2 | 3.8 | 3.1 | 2.6 | 2.3 | 2.0 | 1.7 | 1.5 | 1.3 | 1.2 |
| 1000.0 | 4.0 | 3.6 | 2.9 | 2.5 | 2.3 | 2.0 | 1.6 | 1.4 | 1.2 | 1.1 |
| 810.0 | 3.9 | 3.5 | 2.8 | 2.4 | 2.3 | 1.9 | 1.6 | 1.4 | 1.2 | 1.1 |
| 680.0 | 3.7 | 3.4 | 2.8 | 2.5 | 2.3 | 2.0 | 1.7 | 1.5 | 1.4 | 1.3 |
| 560.0 | 3.6 | 3.3 | 2.8 | 2.6 | 2.4 | 2.1 | 1.8 | 1.7 | 1.6 | 1.6 |
| 470.0 | 3.6 | 3.4 | 2.9 | 2.8 | 2.6 | 2.3 | 2.1 | 2.0 | 1.9 | 1.9 |
| 360.0 | 3.8 | 3.6 | 3.2 | 3.2 | 3.0 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 |

VSWR 1.0 - 1.5



Alle Werte gemessen mit MFJ-259B

VSWR 1.6 - 2.0



RK grau ohne zusätzliche Ferrithülsen

VSWR 2.1 - 2.5



RK ~ 640 μ \varnothing 104x65 x 15mm

VSWR 2.6 - 3.0



Achtung: Balun Eingang +/- sind einzuhalten!!

VSWR 3.1 - ∞



7 Wdg mit Schaltlitze

1:16 Balun nach IZ0UPS

| Ω | 30 MHz | 28 MHz | 24.9 MHz | 21.1 MHz | 18.1 MHz | 14.1 MHz | 10.1 MHz | 7.1 MHz | 3.6 MHz | 1.9 MHz |
|----------|--------|--------|----------|----------|----------|----------|----------|---------|---------|---------|
| 2700.0 | 9.4 | 9.0 | 8.4 | 6.2 | 5.0 | 3.7 | 3.0 | 2.8 | 2.6 | 2.6 |
| 1800.0 | 8.6 | 7.9 | 7.0 | 5.1 | 4.0 | 3.0 | 2.4 | 2.1 | 1.9 | 1.9 |
| 1500.0 | 8.1 | 7.5 | 6.5 | 4.6 | 3.6 | 2.7 | 2.2 | 1.9 | 1.7 | 1.6 |
| 1200.0 | 7.5 | 6.8 | 5.8 | 4.1 | 3.2 | 2.5 | 2.0 | 1.7 | 1.4 | 1.3 |
| 1000.0 | 7.3 | 6.5 | 5.6 | 4.0 | 3.1 | 2.5 | 2.0 | 1.6 | 1.3 | 1.2 |
| 810.0 | 6.6 | 5.8 | 4.9 | 3.5 | 2.8 | 2.3 | 1.8 | 1.5 | 1.2 | 1.1 |
| 680.0 | 6.2 | 5.4 | 4.6 | 3.3 | 2.8 | 2.3 | 1.9 | 1.6 | 1.4 | 1.3 |
| 560.0 | 6.2 | 5.4 | 4.2 | 3.3 | 2.8 | 2.4 | 2.0 | 2.0 | 1.6 | 1.5 |
| 470.0 | 5.6 | 4.8 | 4.0 | 3.2 | 2.8 | 2.5 | 2.1 | 2.0 | 1.9 | 1.8 |
| 360.0 | 5.4 | 4.7 | 4.1 | 3.4 | 3.1 | 2.8 | 2.5 | 2.4 | 2.3 | 2.3 |

VSWR 1.0 - 1.5



Alle Werte gemessen mit MFJ-259B

VSWR 1.6 - 2.0



RK grau ohne zusätzliche Ferrithülsen

VSWR 2.1 - 2.5



RK ~ 640 μ \varnothing 104x65 x 15mm

VSWR 2.6 - 3.0



Achtung: Balun Eingang +/- sind einzuhalten!!


VSWR 3.1 - ∞





10 Wdg mit Schaltlitze


1:16 Balun nach IZ0UPS


| Ω | 30 MHz | 28 MHz | 24.9 MHz | 21.1 MHz | 18.1 MHz | 14.1 MHz | 10.1 MHz | 7.1 MHz | 3.6 MHz | 1.9 MHz |
|----------|--------|--------|----------|----------|----------|----------|----------|---------|---------|---------|
| 2700.0 | 1.7 | 1.7 | 1.5 | 1.7 | 1.9 | 2.2 | 2.5 | 2.7 | 2.9 | 3.0 |
| 1800.0 | 1.7 | 1.6 | 1.5 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.1 |
| 1500.0 | 1.7 | 1.6 | 1.5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 1200.0 | 1.7 | 1.6 | 1.5 | 1.6 | 1.7 | 1.6 | 1.4 | 1.4 | 1.4 | 1.4 |
| 1000.0 | 1.7 | 1.6 | 1.5 | 1.7 | 1.6 | 1.5 | 1.3 | 1.2 | 1.2 | 1.2 |
| 810.0 | 1.7 | 1.6 | 1.5 | 1.7 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 | 1.1 |
| 680.0 | 1.8 | 1.7 | 1.6 | 1.8 | 1.8 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 |
| 560.0 | 1.8 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 1.8 | 1.6 | 1.6 | 1.5 |
| 470.0 | 1.9 | 1.8 | 1.7 | 1.9 | 2.0 | 2.0 | 1.9 | 1.8 | 1.8 | 1.7 |
| 360.0 | 2.0 | 1.9 | 1.8 | 2.1 | 2.2 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 |

VSWR 1.0 - 1.5 

VSWR 1.6 - 2.0 

VSWR 2.1 - 2.5 

VSWR 2.6 - 3.0 

VSWR 3.1 - ∞ 

Alle Werte gemessen mit NanoVNA + VNA-Saver


FT-240-43 mit 2 Ferrithülsen


Achtung: Balun Eingang +/- sind einzuhalten!!


6 Wdg mit Schaltlitze


Balun 1:16 nach IZ0UPS


| Ω | 30 MHz | 28 MHz | 24.9 MHz | 21.1 MHz | 18.1 MHz | 14.1 MHz | 10.1 MHz | 7.1 MHz | 3.6 MHz | 1.9 MHz |
|----------|--------|--------|----------|----------|----------|----------|----------|---------|---------|---------|
| 2700.0 | 1.2 | 1.2 | 1.2 | 1.4 | 1.6 | 1.9 | 2.2 | 2.4 | 2.6 | 2.6 |
| 1800.0 | 1.2 | 1.2 | 1.3 | 1.5 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 |
| 1500.0 | 1.2 | 1.2 | 1.3 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 1200.0 | 1.2 | 1.2 | 1.3 | 1.5 | 1.6 | 1.6 | 1.4 | 1.3 | 1.3 | 1.3 |
| 1000.0 | 1.2 | 1.2 | 1.3 | 1.5 | 1.6 | 1.6 | 1.4 | 1.3 | 1.1 | 1.1 |
| 810.0 | 1.2 | 1.3 | 1.4 | 1.6 | 1.7 | 1.6 | 1.5 | 1.3 | 1.1 | 1.0 |
| 680.0 | 1.2 | 1.3 | 1.4 | 1.6 | 1.8 | 1.7 | 1.6 | 1.5 | 1.3 | 1.3 |
| 560.0 | 1.3 | 1.4 | 1.5 | 1.7 | 1.8 | 1.9 | 1.8 | 1.6 | 1.5 | 1.5 |
| 470.0 | 1.3 | 1.4 | 1.6 | 1.8 | 2.0 | 2.0 | 2.0 | 1.9 | 1.8 | 1.8 |
| 360.0 | 1.4 | 1.5 | 1.7 | 1.9 | 2.1 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |

VSWR 1.0 - 1.5 

VSWR 1.6 - 2.0 

VSWR 2.1 - 2.5 

VSWR 2.6 - 3.0 

VSWR 3.1 - ∞ 

Alle Werte gemessen mit MFJ-259B

RK schwarz $\varnothing 85/61 \times 20$ mit 2 Ferrithülsen

RK ~ 6180 μ (Schaffner RU2103-00-00, Farbe schwarz)

Achtung: Balun Eingang +/- sind einzuhalten!!

9 Wdg mit Schaltlitze 1.5mm²