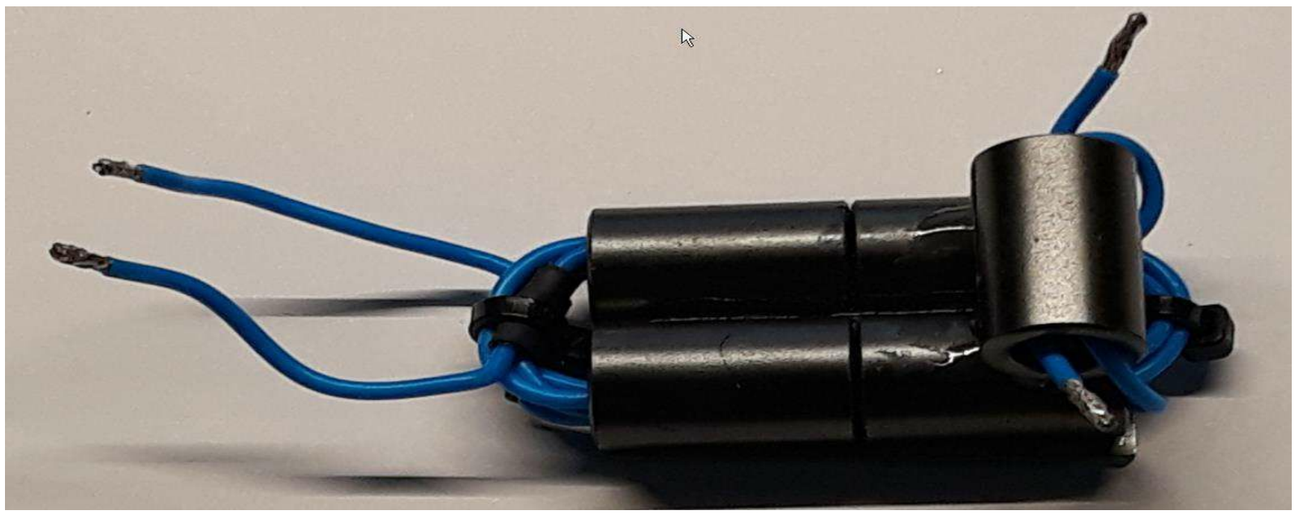
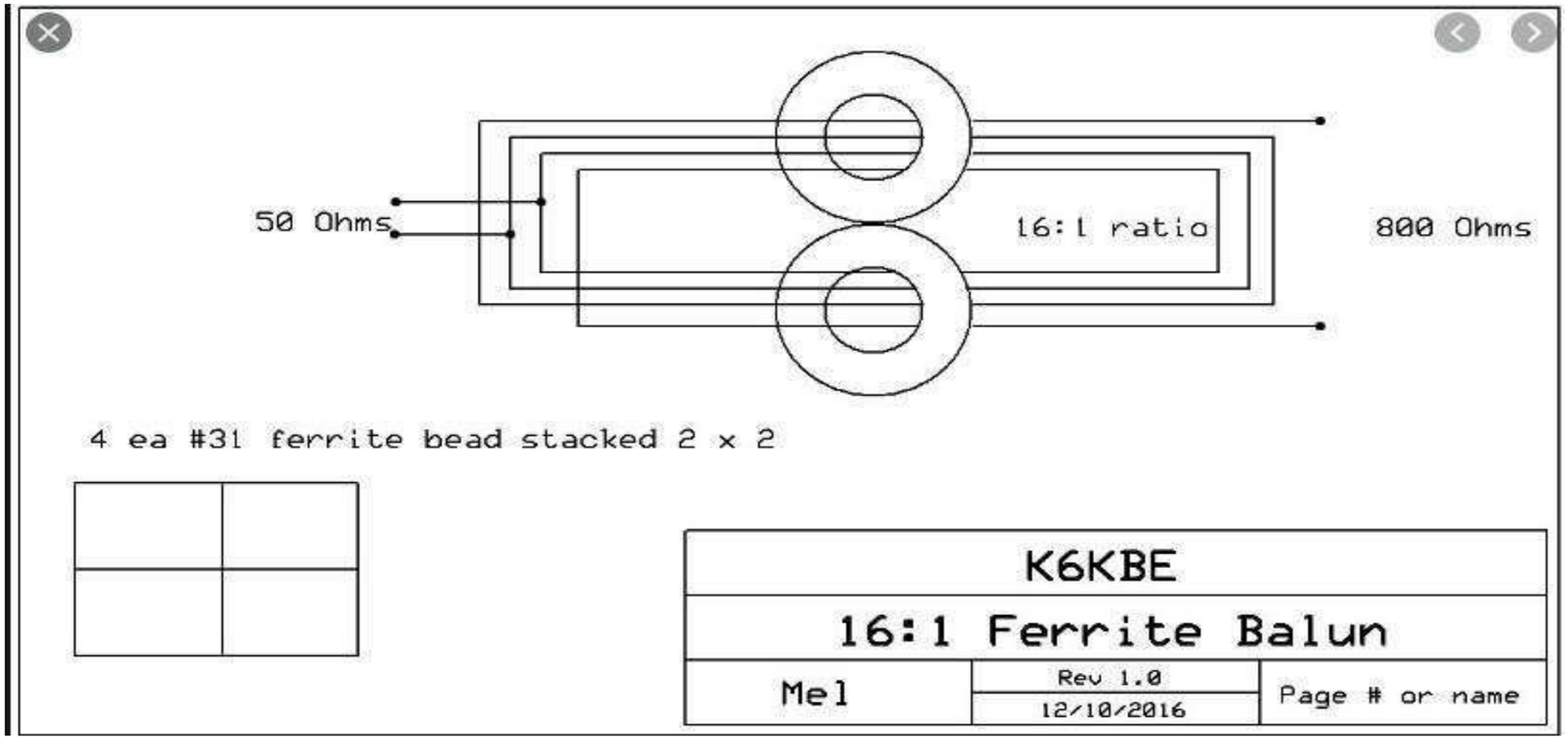
# 1:16 Balun nach K6KBE





# 1:16 Balun nach K6KBE

| Ω | 29.5 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 | 2.7 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.2 | 2.4 | 2.9 |
| 1800.0 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.7 | 1.6 | 1.6 | 1.9 | 2.5 |
| 1500.0 | 2.2 | 2.1 | 2.0 | 1.8 | 1.7 | 1.6 | 1.4 | 1.4 | 1.7 | 2.3 |
| 1200.0 | 2.0 | 2.0 | 1.8 | 1.7 | 1.5 | 1.4 | 1.2 | 1.2 | 1.5 | 2.2 |
| 1000.0 | 1.9 | 1.8 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 | 1.1 | 1.5 | 2.1 |
| 810.0 | 1.8 | 1.7 | 1.6 | 1.4 | 1.3 | 1.2 | 1.1 | 1.2 | 1.5 | 2.1 |
| 680.0 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.3 | 1.4 | 1.6 | 2.1 |
| 560.0 | 1.6 | 1.6 | 1.5 | 1.4 | 1.4 | 1.4 | 1.5 | 1.6 | 1.8 | 2.3 |
| 470.0 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.7 | 1.8 | 2.1 | 2.5 |
| 360.0 | 1.6 | 1.6 | 1.5 | 1.6 | 1.6 | 1.8 | 2.0 | 2.2 | 2.5 | 2.9 |

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 + NanoVNA-Saver

Test-Muster mit 4+1 Ferrithülsen

Bewicklung Teflonlitze 2.5mm2 versilbert

Werte 51 MHz VSWR 1.43 - 1.67

# 1:16 Balun nach K6KBE

| Ω | 29.5 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 | 3.7 | 3.5 | 3.1 | 2.7 | 2.4 | 2.1 | 2.1 | 2.2 | 2.4 | 2.7 |
| 1800.0 | 3.2 | 3.0 | 2.6 | 2.2 | 1.9 | 1.7 | 1.6 | 1.6 | 1.8 | 2.1 |
| 1500.0 | 3.0 | 2.8 | 2.5 | 2.1 | 1.8 | 1.5 | 1.4 | 1.4 | 1.6 | 1.9 |
| 1200.0 | 2.9 | 2.8 | 2.4 | 2.0 | 1.7 | 1.4 | 1.2 | 1.2 | 1.4 | 1.7 |
| 1000.0 | 2.7 | 2.6 | 2.2 | 1.9 | 1.6 | 1.3 | 1.1 | 1.0 | 1.3 | 1.7 |
| 810.0 | 2.6 | 2.4 | 2.1 | 1.8 | 1.6 | 1.3 | 1.2 | 1.2 | 1.3 | 1.7 |
| 680.0 | 2.6 | 2.4 | 2.1 | 1.8 | 1.7 | 1.5 | 1.4 | 1.4 | 1.5 | 1.8 |
| 560.0 | 2.5 | 2.3 | 2.1 | 1.9 | 1.8 | 1.7 | 1.6 | 1.6 | 1.7 | 2.0 |
| 470.0 | 2.4 | 2.3 | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 | 1.8 | 2.0 | 2.2 |
| 360.0 | 2.4 | 2.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.4 | 2.6 |

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 + NanoVNA-Saver

Test-Muster mit 6+1 Ferrithülsen

Bewicklung Teflonlitze 2.5mm2 versilbert

Werte 51 MHz VSWR 1.55 - 1.62