

Mtr Log

```
My traceroute [v0.95]
ag-Ubuntu-Stick (192.168.3.233) -> www.google.de (142.22024-05-15T12:48:06+0200)
Keys: Help  Display mode  Restart statistics  Order of fields  quit

          Packets          Pings
Host      Loss%  Snt   Last   Avg   Best  Wrst  StDev
1. fritz.box      0.1% 28833  3.0    2.5   1.8  1978.  16.5
2. 192.168.178.1.dynamic.kabel-deutsch  0.6% 28833  15.2   12.1   6.8  1920.  22.8
3. ip5886dc86.static.kabel-deutschl  0.6% 28833  13.7   11.2   5.9  1818.  20.1
4. 83-169-156-114.static.superkabel  0.6% 28833  17.3   12.7   8.3  1722.  20.4
5. 145.254.1.245      70.7% 28833  16.8   16.5  10.2  1065.  18.2
6. 145.254.2.181  34.7% 28833  15.2   13.8   8.2  967.2  18.1
7. 72.14.195.160  0.6% 28833  12.6   12.3   7.7  1760.  22.3
8. 192.178.106.11 0.6% 28832  18.6   13.4   8.5  1666.  22.7
9. 142.251.68.121 0.6% 28832  15.2   12.6   8.2  1566.  22.1
10. muc12s12-in-f3.1e100.net  0.5% 28832  13.0   12.1   6.9  1465.  22.3
```

Fehler FritzBox:

- Übersicht
- Internet
- Online-Monitor
- Angangsdaten
- Joblifunk
- ter
- Angaben
- /FRITZ!-Konto
- Kabel-Informationen**
- Telefonie
- Simnetz
- LAN
- Smart Home
- /B-C
- Diagnose
- System
- Assistenten
- Hilfe und Info

Internet > Kabel-Informationen

- Übersicht
- Kanäle**
- Spektrum
- Statistik
- Einstellungen

↓ Empfangsrichtung

| DOCSIS 3.1 | | | | | | | |
|------------|------------|-------------------|--------------------|----------|-----------|-----------|------------------|
| Kanal ID | Modulation | Frequenz (MHz) | Power Level (dBmV) | MER (dB) | PLC (MHz) | FFT Größe | nicht korrigiert |
| 33 | 4096QAM | 134.975 - 324.975 | 2.6 | 41 | 264 | 4K | 97307 |

| DOCSIS 3.0 | | | | | | | |
|------------|------------|----------------|--------------------|----------|-------------|----------------------|------------------|
| Kanal ID | Modulation | Frequenz (MHz) | Power Level (dBmV) | MSE (dB) | Latenz (ms) | korrigierbare Fehler | nicht korrigiert |
| 7 | 256QAM | 602.000 | -2.9 | -35.8 | 0.32 | 1730 | 1 |
| 3 | 256QAM | 570.000 | -1.5 | -36.6 | 0.32 | 184 | 0 |
| 4 | 256QAM | 578.000 | -1.3 | -36.6 | 0.32 | 169 | 0 |
| 2 | 256QAM | 130.000 | 3.3 | -39.0 | 0.32 | 180707 | 306 |
| 5 | 256QAM | 586.000 | -2.2 | -36.4 | 0.32 | 38492 | 0 |
| 6 | 256QAM | 594.000 | -2.2 | -36.4 | 0.32 | 366 | 2 |
| 29 | 64QAM | 786.000 | 0.3 | -34.9 | 0.32 | 2 | 0 |
| 8 | 256QAM | 618.000 | -2.4 | -35.8 | 0.32 | 2685 | 0 |
| 9 | 256QAM | 626.000 | -2.1 | -35.8 | 0.32 | 1999 | 0 |
| 10 | 256QAM | 634.000 | -2.5 | -35.8 | 0.32 | 3601 | 2 |
| 11 | 256QAM | 642.000 | -2.5 | -35.8 | 0.32 | 9071 | 0 |
| 12 | 256QAM | 650.000 | -2.7 | -35.8 | 0.32 | 4967 | 0 |
| 13 | 256QAM | 658.000 | -0.8 | -36.6 | 0.32 | 1842 | 0 |
| 14 | 256QAM | 666.000 | -0.2 | -36.6 | 0.32 | 1720 | 0 |
| 32 | 64QAM | 810.000 | 2.5 | -35.0 | 0.32 | 0 | 0 |
| 16 | 256QAM | 682.000 | 1.1 | -37.4 | 0.32 | 15884 | 0 |
| 17 | 256QAM | 690.000 | 1.0 | -37.4 | 0.32 | 53034 | 0 |
| 20 | 64QAM | 714.000 | -2.7 | -34.3 | 0.32 | 7 | 0 |
| 19 | 64QAM | 706.000 | -3.1 | -34.3 | 0.32 | 8 | 0 |
| 18 | 64QAM | 698.000 | -4.0 | -33.9 | 0.32 | 34 | 0 |
| 21 | 64QAM | 722.000 | -2.3 | -34.3 | 0.32 | 14387 | 11124 |
| 22 | 64QAM | 730.000 | -3.0 | -33.9 | 0.32 | 1032 | 176 |
| 23 | 64QAM | 738.000 | -2.5 | -33.9 | 0.32 | 9 | 0 |
| 24 | 64QAM | 746.000 | -2.1 | -34.0 | 0.32 | 4 | 0 |
| 25 | 64QAM | 754.000 | -2.0 | -33.8 | 0.32 | 4 | 0 |
| 26 | 64QAM | 762.000 | -0.5 | -34.4 | 0.32 | 3 | 0 |
| 27 | 64QAM | 770.000 | -1.0 | -34.4 | 0.32 | 5 | 0 |
| 28 | 64QAM | 778.000 | 0.3 | -34.4 | 0.32 | 4 | 0 |