



|  |  |  | Download to Change settings |  |  |  |  |  |  |  |  |  |  | 1:2 FBT LOSS CALCULATOR |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Value | [346] |  |  |  |  |  |  |  |  |  |  |  |  | (napbox 1km apart) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 99 | 0.15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 98 | 0.17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 97 | 0.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 96 | 0.23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95 | 0.4 |  | Nap 1 |  |  |  | Nap 2 |  |  |  | Nap 3 |  |  |  | Nap 4 |  |  |  | Nap 5 |  |  |  | Nap 6 |  |  |  | Nap 7 |  |  |  | Nap 8 |  |  |  |
| 90 | 0.6 | 7 [347) |  |  |  | 6.07 |  |  |  | 5.14 |  |  |  | 4.21 |  |  |  | 3.08 |  |  |  | 1.95 |  |  |  | 0.72 |  |  |  | -0.91 |  |  |  | -3.54 |
| 85 | 0.7 | 6.97 [3] | $95[349]$ | 0.5 | [0.4 [3 | 36.04 [3] | 95 [353] | 0.5 | [0.4 [3E | 5.11 [3 | 95 [357] | 0.5 | [3:0.4 [354 | $5: 4.18$ [3] | 90 [361] 0 | 0.5 | [310.6 [363] | 3.05 [3 | 90 [365] | 0.5 | [ 0.6 [36 | 1.92 [3] | $85[369]$ | 0.5 [: | [:0.7 [3] | 0.69 [3 | 80 [373] | 0.5 [ | [ 1.1 [374, | -0.94 | $65[377]$ | 0.5 | 2.1 [37 | 1-3.57 |
| 80 | 1.1 |  | $5[381]$ \| |  |  |  | ${ }^{5}[382]$ |  |  |  | 5 [383] |  |  |  | 10 [384] |  |  |  | \| 10 [385] |  |  |  | 15 [386] |  |  |  | 20 [387] |  |  |  | 35 [388] |  |  |  |
| 75 | 1.4 |  | 12.6 [389] |  |  |  | 12.6 [390] |  |  |  | 12.6 [391 |  |  |  | 10.6 [392 |  |  |  | 10.6 [393] |  |  |  | 8.8 [394] |  |  |  | 7.3 [395] |  |  |  | 4.9 [396] |  |  |  |
| 70 | 1.7 |  | -5.93 |  |  |  | -6.86 |  |  |  | -7.79 |  |  |  | -6.72 |  |  |  | -7.85 |  |  |  | -7.18 |  |  |  | -6.91 |  |  |  | -6.14 |  |  |  |
| 65 | 2.1 |  | -0.03 [397] |  |  |  | -0.03 [398] |  |  |  | -0.03[399, |  |  |  | -0.03 400 |  |  |  | -0.03 [40- |  |  |  | -0.03 [402) |  |  |  | -0.03[40 |  |  |  | -0.03 [404] |  |  |  |
| 60 | 2.4 |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  |
| 55 | 2.8 |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  |
| 50 | 3.1 |  | -15.96 |  |  |  | -16.89 |  |  |  | -17.82 |  |  |  | -16.75 |  |  |  | -17.88 |  |  |  | -17.21 |  |  |  | -16.94 |  |  |  | -16.17 |  |  |  |
| 45 | 3.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40 | 4.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35 | 4.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | 5.6 |  | Nap 9 |  |  |  | Nap 10 |  |  |  | Nap 11 |  |  |  | Nap 12 |  |  |  | Nap 13 |  |  |  | Nap 14 |  |  |  | Nap 15 |  |  |  | Nap 16 |  |  |  |
| 25 | 6.1 | -3.54 |  |  |  | -7.57 |  |  |  | -10.5 |  |  |  | -16.6: |  |  |  | -17.56 |  |  |  | -18.45 |  |  |  | -19.4. |  |  |  | -20.3 |  |  |  | -21.5 |
| 20 | 7.3 | -3.57 | 45 [405] | 0.5 | [3.5 [4 | 4-7.6 [4] | 60 [409] | 0.5 | [2.4 [41 | 1-10.53 | 30 [413]] | 0.5 | [4 5.6 [41) | 1!-16.66 | $95[417]$ | 0.5 | [4. 0.4 [419] | -17.59 | $95[421]$ | 0.5 | [0.4[42 | -18.52 | 95 [425] | 0.5 | [.0.4 [42) | -19.45 | 95 [429] | 0.5 | [ 0.4 [43] | -20.38 | $85[433]$ | 0.5 [ | 0.7 (4) | -21.61 |
| 15 | 8.8 |  | 55 [437] |  |  |  | 40 [438] |  |  |  | 70 [439] |  |  |  | $5[440]$ |  |  |  | $5[441]$ |  |  |  | $5[442]$ |  |  |  | 5 [443] |  |  |  | 15 [444] |  |  |  |
| 10 | 10.6 |  | 2.8 [445] |  |  |  | 4.2 [446] |  |  |  | 1.7 [447] |  |  |  | $12.6[448$ \| |  |  |  | 12.6 [449 |  |  |  | 12.6 [450] |  |  |  | 12.6 [451] |  |  |  | 8.8 [452] |  |  |  |
| 5 | 12.6 |  | -6.67 |  |  |  | -12.1 |  |  |  | -12.53 |  |  |  | -29.56 |  |  |  | -30.49 |  |  |  | -31.42 |  |  |  | -32.35 |  |  |  | -29.48 |  |  |  |
| 4 | 15.5 |  | -0.03 [453] |  |  |  | -0.03 [454] |  |  |  | -0.03 [45 |  |  |  | -0.03[456 |  |  |  | -0.03 [45: |  |  |  | -0.03 [458] |  |  |  | -0.03 [45: |  |  |  | -0.03 [460] |  |  |  |
| 3 | 17 |  | 4 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 8 port |  |  |  | 2 port |  |  |  | 8 port |  |  |  |
| 2 | 18.5 |  | -7 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -10 |  |  |  | -4 |  |  |  | -10 |  |  |  |
| 1 | 21.5 |  | -13.7 |  |  |  | -22.13 |  |  |  | -22.56 |  |  |  | -39.59 |  |  |  | -40.52 |  |  |  | -41.45 |  |  |  | -36.38 |  |  |  | -39.51 |  |  |  |

[1] Replace Value below to change LOSS
[2] PON MODULE
[3] PON Module - 0.03 Fusion loss
[4] Blue line
[5] 0.05/100m loss
[6] FBT Loss
[7] Red line after fusion loss 0.03
[8] Blue line
[9] 0.05/100m loss
[10] FBT Loss
[11] Red line after fusion loss 0.03
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[13] 0.05/100m loss
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[29] 0.05/100m loss
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[31] Red line after fusion loss 0.03
[32] Blue line
[33] 0.05/100m loss
[34] FBT Loss
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[116] Replace Value below to change LOSS
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[231] Replace Value below to change LOSS
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[346] Replace Value below to change LOSS
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