

■材質・処理

| 部品 | 材質 | 処理 |
|-----------|--------|---------|
| 外装(注) | ステンレス鋼 | パッシベイト |
| 絶縁物 | PTFE樹脂 | - |
| 雄コンタクト | 黄銅 | 金めっき |
| 雌コンタクト | ベリリウム銅 | 金めっき |
| 外部導体 | アルミニウム | ニッケルめっき |
| カップリング(注) | ステンレス鋼 | パッシベイト |
| ラジエーター | アルミニウム | 黒色アルマイト |
| 減衰素子 | 金属皮膜 | - |

△注意 当製品にはベリリアを使用しています。廃棄する場合は関連法令に従ってください。

■製品番号の構成

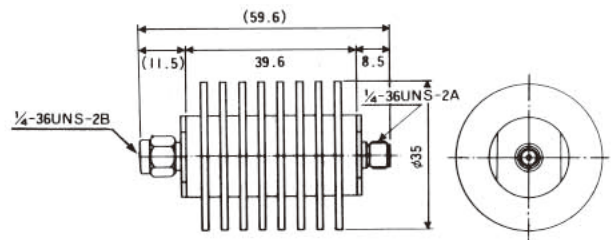
AT - 10 01 (40)
 ① ② ③ ④

| | |
|---------------------------------------|---|
| ① AT: 固定減衰器(アッテネータ)を表す | ③ 減衰量 (例) 01: 1dB 03: 3dB 10: 10dB 20: 20dB |
| ② シリーズ名(嵌合部形状)を表す 10: SMA形プラグージャック | |
| ④ (40): RoHS適合製品を表す | |

■高電力用固定減衰器 (単品放熱タイプ)



■外形寸法図



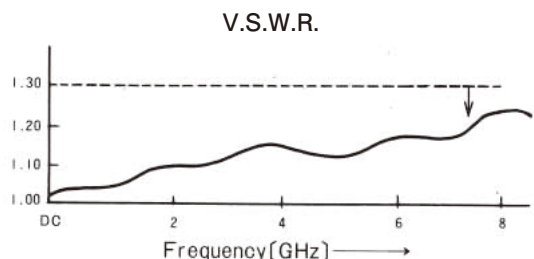
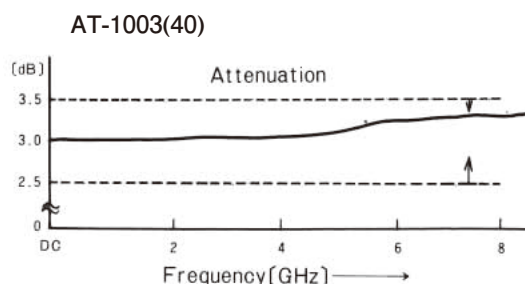
AT-1000形

■仕様

| 製品番号 | HRS No. | 使用周波数 (GHz) | 減衰量 (dB) | V.S.W.R. (Max) | 特性インピーダンス (Ω) | 電力 (W) | コネクタ | 質量 (g) |
|--------------|---------------|-------------|----------|----------------|---------------|--------|---------|--------|
| AT-1001 (40) | 354-0142-1 40 | DC~8 | 1±0.5 | 1.3 | 50 | 10 | SMA-J・P | 80 |
| AT-1002 (40) | 354-0143-4 40 | DC~8 | 2±0.5 | 1.3 | 50 | 10 | SMA-J・P | 80 |
| AT-1003 (40) | 354-0066-5 40 | DC~8 | 3±0.5 | 1.3 | 50 | 10 | SMA-J・P | 80 |
| AT-1006 (40) | 354-0067-8 40 | DC~8 | 6±0.7 | 1.3 | 50 | 10 | SMA-J・P | 80 |
| AT-1010 (40) | 354-0068-0 40 | DC~8 | 10±1.0 | 1.3 | 50 | 10 | SMA-J・P | 80 |
| AT-1020 (40) | 354-0069-3 40 | DC~8 | 20±1.2 | 1.3 | 50 | 10 | SMA-J・P | 80 |

△注意 当製品にはベリリアを使用しています。廃棄する場合は関連法令に従ってください。

◆高周波データ



dBm→Milli-Watt变换表

| | dBm | Milli-Watt | dBm | Milli-Watt | dBm | Milli-Watt | dBm | Milli-Watt | dBm | Milli-Watt | dBm | Milli-Watt | dBm | Milli-Watt |
|---------------|-------|------------|-------|------------|------|------------|-----|------------|------|------------|------|------------|------|------------|
| X.FL | -18.0 | .0158 | -11.1 | .0776 | -4.2 | .380 | 2.7 | 1.86 | 9.6 | 9.12 | 16.5 | 44.7 | 23.4 | 219 |
| W.FL2 | -17.9 | .0162 | -11.0 | .0794 | -4.1 | .389 | 2.8 | 1.91 | 9.7 | 9.33 | 16.6 | 45.7 | 23.5 | 224 |
| W.FL | -17.8 | .0166 | -10.9 | .0813 | -4.0 | .398 | 2.9 | 1.95 | 9.8 | 9.55 | 16.7 | 46.8 | 23.6 | 229 |
| N.FL | -17.7 | .0170 | -10.8 | .0832 | -3.9 | .407 | 3.0 | 2.00 | 9.9 | 9.77 | 16.8 | 47.9 | 23.7 | 234 |
| U.FL | -17.6 | .0174 | -10.7 | .0851 | -3.8 | .417 | 3.1 | 2.04 | 10.0 | 10.0 | 16.9 | 49.0 | 23.8 | 240 |
| E.FL | -17.5 | .0178 | -10.6 | .0871 | -3.7 | .427 | 3.2 | 2.09 | 10.1 | 10.2 | 17.0 | 50.1 | 23.9 | 245 |
| H.FL | -17.4 | .0182 | -10.5 | .0891 | -3.6 | .437 | 3.3 | 2.14 | 10.2 | 10.5 | 17.1 | 51.3 | 24.0 | 251 |
| FL | -17.3 | .0186 | -10.4 | .0912 | -3.5 | .447 | 3.4 | 2.19 | 10.3 | 10.7 | 17.2 | 52.5 | 24.1 | 257 |
| MS-180 | -17.2 | .0191 | -10.3 | .0933 | -3.4 | .457 | 3.5 | 2.24 | 10.4 | 11.0 | 17.3 | 53.7 | 24.2 | 263 |
| MS-156C | -17.1 | .0195 | -10.2 | .0955 | -3.3 | .468 | 3.6 | 2.29 | 10.5 | 11.2 | 17.4 | 55.0 | 24.3 | 269 |
| MS-162B | -17.0 | .0200 | -10.1 | .0977 | -3.2 | .479 | 3.7 | 2.34 | 10.6 | 11.5 | 17.5 | 56.2 | 24.4 | 275 |
| MS-151NB | -16.9 | .0204 | -10.0 | .100 | -3.1 | .490 | 3.8 | 2.40 | 10.7 | 11.7 | 17.6 | 57.5 | 24.5 | 282 |
| 1.85mm | -16.8 | .0209 | - 9.9 | .102 | -3.0 | .501 | 3.9 | 2.45 | 10.8 | 12.0 | 17.7 | 58.9 | 24.6 | 288 |
| 2.4mm | -16.7 | .0214 | - 9.8 | .105 | -2.9 | .513 | 4.0 | 2.51 | 10.9 | 12.3 | 17.8 | 60.3 | 24.7 | 295 |
| 2.92mm | -16.6 | .0219 | - 9.7 | .107 | -2.8 | .525 | 4.1 | 2.57 | 11.0 | 12.6 | 17.9 | 61.7 | 24.8 | 302 |
| SMPM | -16.5 | .0224 | - 9.6 | .110 | -2.7 | .537 | 4.2 | 2.63 | 11.1 | 12.9 | 18.0 | 63.1 | 24.9 | 309 |
| SMP | -16.4 | .0229 | - 9.5 | .112 | -2.6 | .550 | 4.3 | 2.69 | 11.2 | 13.2 | 18.1 | 64.6 | 25.0 | 316 |
| MMCX | -16.3 | .0234 | - 9.4 | .115 | -2.5 | .562 | 4.4 | 2.75 | 11.3 | 13.5 | 18.2 | 66.1 | 25.1 | 324 |
| N | -16.2 | .0240 | - 9.3 | .117 | -2.4 | .575 | 4.5 | 2.82 | 11.4 | 13.8 | 18.3 | 67.6 | 25.2 | 331 |
| BNC | -16.1 | .0245 | - 9.2 | .120 | -2.3 | .589 | 4.6 | 2.88 | 11.5 | 14.1 | 18.4 | 69.2 | 25.3 | 339 |
| TNC | -16.0 | .0251 | - 9.1 | .123 | -2.2 | .603 | 4.7 | 2.95 | 11.6 | 14.5 | 18.5 | 70.8 | 25.4 | 347 |
| HRM(SMA) | -15.9 | .0257 | - 9.0 | .126 | -2.1 | .617 | 4.8 | 3.02 | 11.7 | 14.8 | 18.6 | 72.4 | 25.5 | 355 |
| N.U.M(SMB) | -15.8 | .0263 | - 8.9 | .129 | -2.0 | .631 | 4.9 | 3.09 | 11.8 | 15.1 | 18.7 | 74.1 | 25.6 | 363 |
| UM | -15.7 | .0269 | - 8.8 | .132 | -1.9 | .646 | 5.0 | 3.16 | 11.9 | 15.5 | 18.8 | 75.9 | 25.7 | 372 |
| MSS | -15.6 | .0275 | - 8.7 | .135 | -1.8 | .661 | 5.1 | 3.24 | 12.0 | 15.8 | 18.9 | 77.6 | 25.8 | 380 |
| PO6 | -15.5 | .0282 | - 8.6 | .138 | -1.7 | .676 | 5.2 | 3.31 | 12.1 | 16.2 | 19.0 | 79.4 | 25.9 | 389 |
| POB | -15.4 | .0288 | - 8.5 | .141 | -1.6 | .692 | 5.3 | 3.39 | 12.2 | 16.6 | 19.1 | 81.3 | 26.0 | 398 |
| POD | -15.3 | .0295 | - 8.4 | .145 | -1.5 | .708 | 5.4 | 3.47 | 12.3 | 17.0 | 19.2 | 83.2 | 26.1 | 407 |
| POD1 | -15.2 | .0302 | - 8.3 | .148 | -1.4 | .724 | 5.5 | 3.55 | 12.4 | 17.4 | 19.3 | 85.1 | 26.2 | 417 |
| PO51M_82M_21M | -15.1 | .0309 | - 8.2 | .151 | -1.3 | .741 | 5.6 | 3.63 | 12.5 | 17.8 | 19.4 | 87.1 | 26.3 | 427 |
| PO51_PO72 | -15.0 | .0316 | - 8.1 | .155 | -1.2 | .759 | 5.7 | 3.72 | 12.6 | 18.2 | 19.5 | 89.1 | 26.4 | 437 |
| MRF14 | -14.9 | .0324 | - 8.0 | .158 | -1.1 | .776 | 5.8 | 3.80 | 12.7 | 18.6 | 19.6 | 91.2 | 26.5 | 447 |
| COMPONENT | -14.8 | .0331 | - 7.9 | .162 | -1.0 | .794 | 5.9 | 3.89 | 12.8 | 19.1 | 19.7 | 93.3 | 26.6 | 457 |
| BNC75 | -14.7 | .0339 | - 7.8 | .166 | -0.9 | .813 | 6.0 | 3.98 | 12.9 | 19.5 | 19.8 | 95.5 | 26.7 | 468 |
| H.FL75 | -14.6 | .0347 | - 7.7 | .170 | -0.8 | .832 | 6.1 | 4.07 | 13.0 | 20.0 | 19.9 | 97.7 | 26.8 | 479 |
| PL71 | -14.5 | .0355 | - 7.6 | .174 | -0.7 | .851 | 6.2 | 4.17 | 13.1 | 20.4 | 20.0 | 100 | 26.9 | 490 |
| PL75 | -14.4 | .0363 | - 7.5 | .178 | -0.6 | .971 | 6.3 | 4.27 | 13.2 | 20.9 | 20.1 | 102 | 27.0 | 501 |
| PL76 | -14.3 | .0372 | - 7.4 | .182 | -0.5 | .891 | 6.4 | 4.37 | 13.3 | 21.4 | 20.2 | 105 | 27.1 | 513 |
| NF | -14.2 | .0380 | - 7.3 | .186 | -0.4 | .912 | 6.5 | 4.47 | 13.4 | 21.9 | 20.3 | 107 | 27.2 | 525 |
| 变换アダプタ | -14.1 | .0389 | - 7.2 | .191 | -0.3 | .933 | 6.6 | 4.57 | 13.5 | 22.4 | 20.4 | 110 | 27.3 | 537 |
| 结线工具 | -14.0 | .0398 | - 7.1 | .195 | -0.2 | .955 | 6.7 | 4.68 | 13.6 | 22.9 | 20.5 | 112 | 27.4 | 550 |
| 变换表 | -13.9 | .0407 | - 7.0 | .200 | -0.1 | .977 | 6.8 | 4.79 | 13.7 | 23.4 | 20.6 | 115 | 27.5 | 562 |
| | -13.8 | .0417 | - 6.9 | .204 | 0.0 | 1.00 | 6.9 | 4.90 | 13.8 | 24.0 | 20.7 | 117 | 27.6 | 575 |
| | -13.7 | .0427 | - 6.8 | .209 | 0.1 | 1.02 | 7.0 | 5.01 | 13.9 | 24.5 | 20.8 | 120 | 27.7 | 589 |
| | -13.6 | .0437 | - 6.7 | .214 | 0.2 | 1.05 | 7.1 | 5.13 | 14.0 | 25.1 | 20.9 | 123 | 27.8 | 603 |
| | -13.5 | .0447 | - 6.6 | .219 | 0.3 | 1.07 | 7.2 | 5.25 | 14.1 | 25.7 | 21.0 | 126 | 27.9 | 617 |
| | -13.4 | .0457 | - 6.5 | .224 | 0.4 | 1.10 | 7.3 | 5.37 | 14.2 | 26.3 | 21.1 | 129 | 28.0 | 631 |
| | -13.3 | .0468 | - 6.4 | .229 | 0.5 | 1.12 | 7.4 | 5.50 | 14.3 | 26.9 | 21.2 | 132 | 28.1 | 646 |
| | -13.2 | .0479 | - 6.3 | .234 | 0.6 | 1.15 | 7.5 | 5.62 | 14.4 | 27.5 | 21.3 | 135 | 28.2 | 661 |
| | -13.1 | .0490 | - 6.2 | .240 | 0.7 | 1.17 | 7.6 | 5.75 | 14.5 | 28.2 | 21.4 | 138 | 28.3 | 676 |
| | -13.0 | .0501 | - 6.1 | .245 | 0.8 | 1.20 | 7.7 | 5.89 | 14.6 | 28.8 | 21.5 | 141 | 28.4 | 692 |
| | -12.9 | .0513 | - 6.0 | .251 | 0.9 | 1.23 | 7.8 | 6.03 | 14.7 | 29.5 | 21.6 | 145 | 28.5 | 708 |
| | -12.8 | .0525 | - 5.9 | .257 | 1.0 | 1.26 | 7.9 | 6.17 | 14.8 | 30.2 | 21.7 | 148 | 28.6 | 724 |
| | -12.7 | .0537 | - 5.8 | .263 | 1.1 | 1.29 | 8.0 | 6.31 | 14.9 | 30.9 | 21.8 | 151 | 28.7 | 741 |
| | -12.6 | .0550 | - 5.7 | .269 | 1.2 | 1.32 | 8.1 | 6.46 | 15.0 | 31.6 | 21.9 | 155 | 28.8 | 759 |
| | -12.5 | .0562 | - 5.6 | .275 | 1.3 | 1.35 | 8.2 | 6.61 | 15.1 | 32.4 | 22.0 | 158 | 28.9 | 776 |
| | -12.4 | .0575 | - 5.5 | .282 | 1.4 | 1.38 | 8.3 | 6.76 | 15.2 | 33.1 | 22.1 | 162 | 29.0 | 794 |
| | -12.3 | .0589 | - 5.4 | .288 | 1.5 | 1.41 | 8.4 | 6.92 | 15.3 | 33.9 | 22.2 | 166 | 29.1 | 813 |
| | -12.2 | .0603 | - 5.3 | .295 | 1.6 | 1.45 | 8.5 | 7.08 | 15.4 | 34.7 | 22.3 | 170 | 29.2 | 832 |
| | -12.1 | .0617 | - 5.2 | .302 | 1.7 | 1.48 | 8.6 | 7.24 | 15.5 | 35.5 | 22.4 | 174 | 29.3 | 851 |
| | -12.0 | .0631 | - 5.1 | .309 | 1.8 | 1.51 | 8.7 | 7.41 | 15.6 | 36.3 | 22.5 | 178 | 29.4 | 871 |
| | -11.9 | .0646 | - 5.0 | .316 | 1.9 | 1.55 | 8.8 | 7.59 | 15.7 | 37.2 | 22.6 | 182 | 29.5 | 891 |
| | -11.8 | .0661 | - 4.9 | .324 | 2.0 | 1.58 | 8.9 | 7.76 | 15.8 | 38.0 | 22.7 | 186 | 29.6 | 912 |
| | -11.7 | .0676 | - 4.8 | .331 | 2.1 | 1.62 | 9.0 | 7.94 | 15.9 | 38.9 | 22.8 | 191 | 29.7 | 933 |
| | -11.6 | .0692 | - 4.7 | .339 | 2.2 | 1.66 | 9.1 | 8.13 | 16.0 | 39.8 | 22.9 | 195 | 29.8 | 955 |
| | -11.5 | .0708 | - 4.6 | .347 | 2.3 | 1.70 | 9.2 | 8.32 | 16.1 | 40.7 | 23.0 | 200 | 29.9 | 977 |
| | -11.4 | .0724 | - 4.5 | .355 | 2.4 | 1.74 | 9.3 | 8.51 | 16.2 | 41.7 | 23.1 | 204 | 30.0 | 1000 |
| | -11.3 | .0741 | - 4.4 | .363 | 2.5 | 1.78 | 9.4 | 8.71 | 16.3 | 42.7 | 23.2 | 209 | | |
| | -11.2 | .0759 | - 4.3 | .372 | 2.6 | 1.82 | 9.5 | 8.91 | 16.4 | 43.7 | 23.3 | 214 | | |

■dBm→Watt変換表

| dBm | Watt | dBm | Watt | dBm | Watt | dBm | Watt | dBm | Watt | dBm | Watt | dBm | Watt |
|------|------|------|-------|------|-------|------|--------|------|--------|------|---------|------|----------|
| 30.1 | 1.02 | 35.9 | 3.89 | 41.7 | 14.80 | 47.5 | 56.20 | 53.3 | 214.00 | 59.1 | 813.00 | 64.9 | 3090.00 |
| 30.2 | 1.05 | 36.0 | 3.98 | 41.8 | 15.10 | 47.6 | 57.50 | 53.4 | 219.00 | 59.2 | 832.00 | 65.0 | 3160.00 |
| 30.3 | 1.07 | 36.1 | 4.07 | 41.9 | 15.50 | 47.7 | 58.90 | 53.5 | 224.00 | 59.3 | 851.00 | 65.1 | 3240.00 |
| 30.4 | 1.10 | 36.2 | 4.17 | 42.0 | 15.80 | 47.8 | 60.30 | 53.6 | 229.00 | 59.4 | 871.00 | 65.2 | 3310.00 |
| 30.5 | 1.12 | 36.3 | 4.27 | 42.1 | 16.20 | 47.9 | 61.70 | 53.7 | 234.00 | 59.5 | 891.00 | 65.3 | 3390.00 |
| 30.6 | 1.15 | 36.4 | 4.37 | 42.2 | 16.60 | 48.0 | 63.10 | 53.8 | 240.00 | 59.6 | 912.00 | 65.4 | 3470.00 |
| 30.7 | 1.17 | 36.5 | 4.47 | 42.3 | 17.00 | 48.1 | 64.60 | 53.9 | 245.00 | 59.7 | 933.00 | 65.5 | 3550.00 |
| 30.8 | 1.20 | 36.6 | 4.57 | 42.4 | 17.40 | 48.2 | 66.10 | 54.0 | 251.00 | 59.8 | 955.00 | 65.6 | 3630.00 |
| 30.9 | 1.23 | 36.7 | 4.68 | 42.5 | 17.80 | 48.3 | 67.60 | 54.1 | 257.00 | 59.9 | 977.00 | 65.7 | 3720.00 |
| 31.0 | 1.26 | 36.8 | 4.79 | 42.6 | 18.20 | 48.4 | 69.20 | 54.2 | 263.00 | 60.0 | 1000.00 | 65.8 | 3800.00 |
| 31.1 | 1.29 | 36.9 | 4.90 | 42.7 | 18.60 | 48.5 | 70.80 | 54.3 | 269.00 | 60.1 | 1020.00 | 65.9 | 3890.00 |
| 31.2 | 1.32 | 37.0 | 5.01 | 42.8 | 19.10 | 48.6 | 72.40 | 54.5 | 275.00 | 60.2 | 1050.00 | 66.0 | 3980.00 |
| 31.3 | 1.35 | 37.1 | 5.13 | 42.9 | 19.50 | 48.7 | 74.10 | 54.5 | 282.00 | 60.3 | 1070.00 | 66.1 | 4070.00 |
| 31.4 | 1.38 | 37.2 | 5.25 | 43.0 | 20.00 | 48.8 | 75.90 | 54.6 | 288.00 | 60.4 | 1100.00 | 66.2 | 4170.00 |
| 31.5 | 1.41 | 37.3 | 5.37 | 43.1 | 20.40 | 48.9 | 77.60 | 54.7 | 295.00 | 60.5 | 1120.00 | 66.3 | 4270.00 |
| 31.6 | 1.45 | 37.4 | 5.50 | 43.2 | 20.90 | 49.0 | 79.40 | 54.8 | 302.00 | 60.6 | 1150.00 | 66.4 | 4370.00 |
| 31.7 | 1.48 | 37.5 | 5.62 | 43.3 | 21.40 | 49.1 | 81.30 | 54.9 | 309.00 | 60.7 | 1170.00 | 66.5 | 4470.00 |
| 31.8 | 1.51 | 37.6 | 5.75 | 43.4 | 21.90 | 49.2 | 83.20 | 55.0 | 316.00 | 60.8 | 1200.00 | 66.6 | 4570.00 |
| 31.9 | 1.55 | 37.7 | 5.89 | 43.5 | 22.40 | 49.3 | 85.10 | 55.1 | 324.00 | 60.9 | 1230.00 | 66.7 | 4680.00 |
| 32.0 | 1.58 | 37.8 | 6.03 | 43.6 | 22.90 | 49.4 | 87.10 | 55.2 | 331.00 | 61.0 | 1260.00 | 66.8 | 4790.00 |
| 32.1 | 1.62 | 37.9 | 6.17 | 43.7 | 23.40 | 49.5 | 89.10 | 55.3 | 339.00 | 61.1 | 1290.00 | 66.9 | 4900.00 |
| 32.2 | 1.66 | 38.0 | 6.31 | 43.8 | 24.00 | 49.6 | 91.20 | 55.4 | 347.00 | 61.2 | 1320.00 | 67.0 | 5010.00 |
| 32.3 | 1.70 | 38.1 | 6.46 | 43.9 | 24.50 | 49.7 | 93.30 | 55.5 | 355.00 | 61.3 | 1350.00 | 67.1 | 5130.00 |
| 32.4 | 1.74 | 38.2 | 6.61 | 44.0 | 25.10 | 49.8 | 95.50 | 55.6 | 363.00 | 61.4 | 1380.00 | 67.2 | 5250.00 |
| 32.5 | 1.78 | 38.3 | 6.76 | 44.1 | 25.70 | 49.9 | 97.70 | 55.7 | 372.00 | 61.5 | 1410.00 | 67.3 | 5370.00 |
| 32.6 | 1.82 | 38.4 | 6.92 | 44.2 | 26.30 | 50.0 | 100.00 | 55.8 | 380.00 | 61.6 | 1450.00 | 67.4 | 5500.00 |
| 32.7 | 1.86 | 38.5 | 7.08 | 44.3 | 26.90 | 50.1 | 102.00 | 55.9 | 389.00 | 61.7 | 1480.00 | 67.5 | 5620.00 |
| 32.8 | 1.91 | 38.6 | 7.24 | 44.4 | 27.50 | 50.2 | 105.00 | 56.0 | 398.00 | 61.8 | 1510.00 | 67.6 | 5750.00 |
| 32.9 | 1.95 | 38.7 | 7.41 | 44.5 | 28.20 | 50.3 | 107.00 | 56.1 | 407.00 | 61.9 | 1550.00 | 67.7 | 5890.00 |
| 33.0 | 2.00 | 38.8 | 7.59 | 44.6 | 28.80 | 50.4 | 110.00 | 56.2 | 417.00 | 62.0 | 1580.00 | 67.8 | 6030.00 |
| 33.1 | 2.04 | 38.9 | 7.76 | 44.7 | 29.50 | 50.5 | 112.00 | 56.3 | 427.00 | 62.1 | 1620.00 | 67.9 | 6170.00 |
| 33.2 | 2.09 | 39.0 | 7.94 | 44.8 | 30.20 | 50.6 | 115.00 | 56.4 | 437.00 | 62.2 | 1660.00 | 68.0 | 6310.00 |
| 33.3 | 2.14 | 39.1 | 8.13 | 44.9 | 30.90 | 50.7 | 117.00 | 56.5 | 447.00 | 62.3 | 1700.00 | 68.1 | 6460.00 |
| 33.4 | 2.19 | 39.2 | 8.32 | 45.0 | 31.60 | 50.8 | 120.00 | 56.6 | 457.00 | 62.4 | 1740.00 | 68.2 | 6610.00 |
| 33.5 | 2.24 | 39.3 | 8.51 | 45.1 | 32.40 | 50.9 | 123.00 | 56.7 | 468.00 | 62.5 | 1780.00 | 68.3 | 6760.00 |
| 33.6 | 2.29 | 39.4 | 8.71 | 45.2 | 33.10 | 51.0 | 126.00 | 56.8 | 479.00 | 62.6 | 1820.00 | 68.4 | 6920.00 |
| 33.7 | 2.34 | 39.5 | 8.91 | 45.3 | 33.90 | 51.1 | 129.00 | 56.9 | 490.00 | 62.7 | 1860.00 | 68.5 | 7080.00 |
| 33.8 | 2.40 | 39.6 | 9.12 | 45.4 | 34.70 | 51.2 | 132.00 | 57.0 | 501.00 | 62.8 | 1910.00 | 68.6 | 7240.00 |
| 33.9 | 2.45 | 39.7 | 9.33 | 45.5 | 35.50 | 51.3 | 135.00 | 57.1 | 513.00 | 62.9 | 1950.00 | 68.7 | 7410.00 |
| 34.0 | 2.51 | 39.8 | 9.55 | 45.6 | 36.30 | 51.4 | 138.00 | 57.2 | 525.00 | 63.0 | 2000.00 | 68.8 | 7590.00 |
| 34.1 | 2.57 | 39.9 | 9.77 | 45.7 | 37.20 | 51.5 | 141.00 | 57.3 | 537.00 | 63.1 | 2040.00 | 68.9 | 7760.00 |
| 34.2 | 2.63 | 40.0 | 10.00 | 45.8 | 38.00 | 51.6 | 145.00 | 57.4 | 550.00 | 63.2 | 2090.00 | 69.0 | 7940.00 |
| 34.3 | 2.69 | 40.1 | 10.20 | 45.9 | 38.90 | 51.7 | 148.00 | 57.5 | 562.00 | 63.3 | 2140.00 | 69.1 | 8130.00 |
| 34.4 | 2.75 | 40.2 | 10.50 | 46.0 | 39.80 | 51.8 | 151.00 | 57.6 | 575.00 | 63.4 | 2190.00 | 69.2 | 8320.00 |
| 34.5 | 2.82 | 40.3 | 10.70 | 46.1 | 40.70 | 51.9 | 155.00 | 57.7 | 589.00 | 63.5 | 2240.00 | 69.3 | 8510.00 |
| 34.6 | 2.88 | 40.4 | 11.00 | 46.2 | 41.70 | 52.0 | 158.00 | 57.8 | 603.00 | 63.6 | 2290.00 | 69.4 | 8710.00 |
| 34.7 | 2.95 | 40.5 | 11.20 | 46.3 | 42.70 | 52.1 | 162.00 | 57.9 | 617.00 | 63.7 | 2340.00 | 69.5 | 8910.00 |
| 34.8 | 3.02 | 40.6 | 11.50 | 46.4 | 43.70 | 52.2 | 166.00 | 58.0 | 631.00 | 63.8 | 2400.00 | 69.6 | 9120.00 |
| 34.9 | 3.09 | 40.7 | 11.70 | 46.5 | 44.70 | 52.3 | 170.00 | 58.1 | 646.00 | 63.9 | 2450.00 | 69.7 | 9330.00 |
| 35.0 | 3.16 | 40.8 | 12.00 | 46.6 | 45.70 | 52.4 | 174.00 | 58.2 | 661.00 | 64.0 | 2510.00 | 69.8 | 9550.00 |
| 35.1 | 3.24 | 40.9 | 12.30 | 46.7 | 46.80 | 52.5 | 178.00 | 58.3 | 676.00 | 64.1 | 2570.00 | 69.9 | 9770.00 |
| 35.2 | 3.31 | 41.0 | 12.60 | 46.8 | 47.90 | 52.6 | 182.00 | 58.4 | 692.00 | 64.2 | 2630.00 | 70.0 | 10000.00 |
| 35.3 | 3.39 | 41.1 | 12.90 | 46.9 | 49.00 | 52.7 | 186.00 | 58.5 | 708.00 | 64.3 | 2690.00 | | |
| 35.4 | 3.47 | 41.2 | 13.20 | 47.0 | 51.10 | 52.8 | 191.00 | 58.6 | 724.00 | 64.4 | 2750.00 | | |
| 35.5 | 3.55 | 41.3 | 13.50 | 47.1 | 51.30 | 52.9 | 195.00 | 58.7 | 741.00 | 64.5 | 2820.00 | | |
| 35.6 | 3.63 | 41.4 | 13.80 | 47.2 | 52.50 | 53.0 | 200.00 | 58.8 | 759.00 | 64.6 | 2880.00 | | |
| 35.7 | 3.72 | 41.5 | 14.10 | 47.3 | 53.70 | 53.1 | 204.00 | 58.9 | 776.00 | 64.7 | 2950.00 | | |
| 35.8 | 3.80 | 41.6 | 14.50 | 47.4 | 55.00 | 53.2 | 209.00 | 59.0 | 794.00 | 64.8 | 3020.00 | | |

交換公式 $dBm=10 \log_{10}(mW)$

- X.FL
- W.FL2
- W.FL
- N.FL
- U.FL
- E.FL
- H.FL
- FL
- MS-180
- MS-156C
- MS-162B
- MS-151NB
- 1.85mm
- 2.4mm
- 2.92mm
- SMPM
- SMP
- MMCX
- N
- BNC
- TNC
- HRM(SMA)
- N.LM(SMB)
- UM
- MSS
- PO6
- POB
- POD
- POD1
- PO51M_82M_21M
- PO51_P072
- MRF14
- COMPONENT
- BNC75
- H.FL75
- PL71
- PL75
- PL76
- NF
- 変換アダプタ
- 結線工具
- 変換表

Apr. 1. 2019 Copyright 2019 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

RETURN LOSS→V.S.W.R.変換表

| R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0.5 | 34.753 | 13.4 | 1.544 | 18.7 | 1.263 | 24.0 | 1.135 | 29.3 | 1.071 |
| 1.0 | 17.391 | .5 | 1.536 | .8 | 1.259 | .1 | 1.133 | .4 | 1.070 |
| 1.5 | 11.610 | .6 | 1.528 | .9 | 1.256 | .2 | 1.131 | .5 | 1.069 |
| 2.0 | 8.724 | .7 | 1.521 | 19.0 | 1.253 | .3 | 1.130 | .6 | 1.068 |
| 2.5 | 6.997 | .8 | 1.513 | .1 | 1.250 | .4 | 1.128 | .7 | 1.068 |
| 3.0 | 5.848 | .9 | 1.506 | .2 | 1.246 | .5 | 1.127 | .8 | 1.067 |
| 3.5 | 5.030 | 14.0 | 1.499 | .3 | 1.243 | .6 | 1.125 | .9 | 1.066 |
| 4.0 | 4.419 | .1 | 1.491 | .4 | 1.240 | .7 | 1.124 | 30.0 | 1.065 |
| 4.5 | 3.946 | .2 | 1.484 | .5 | 1.237 | .8 | 1.122 | .2 | 1.064 |
| 5.0 | 3.570 | .3 | 1.478 | .6 | 1.234 | .9 | 1.121 | .4 | 1.063 |
| 5.5 | 3.263 | .4 | 1.471 | .7 | 1.231 | 25.0 | 1.119 | .6 | 1.062 |
| 6.0 | 3.010 | .5 | 1.464 | .8 | 1.228 | .1 | 1.118 | .8 | 1.060 |
| 6.5 | 2.796 | .6 | 1.458 | .9 | 1.225 | .2 | 1.116 | 31.0 | 1.059 |
| 7.0 | 2.615 | .7 | 1.451 | 20.0 | 1.222 | .3 | 1.115 | .2 | 1.057 |
| 7.5 | 2.458 | .8 | 1.445 | .1 | 1.219 | .4 | 1.114 | .4 | 1.056 |
| 8.0 | 2.323 | .9 | 1.439 | .2 | 1.217 | .5 | 1.112 | .6 | 1.055 |
| 8.5 | 2.204 | 15.0 | 1.433 | .3 | 1.214 | .6 | 1.111 | .8 | 1.053 |
| 9.0 | 2.100 | .1 | 1.427 | .4 | 1.211 | .7 | 1.109 | 32.0 | 1.052 |
| 9.5 | 2.007 | .2 | 1.421 | .5 | 1.208 | .8 | 1.108 | .2 | 1.051 |
| 10.0 | 1.925 | .3 | 1.415 | .6 | 1.206 | .9 | 1.107 | .4 | 1.050 |
| .1 | 1.910 | .4 | 1.409 | .7 | 1.203 | 26.0 | 1.106 | .6 | 1.049 |
| .2 | 1.894 | .5 | 1.404 | .8 | 1.201 | .1 | 1.104 | .8 | 1.047 |
| .3 | 1.880 | .6 | 1.398 | .9 | 1.198 | .2 | 1.103 | 33.0 | 1.046 |
| .4 | 1.865 | .7 | 1.393 | 21.0 | 1.196 | .3 | 1.102 | 33.5 | 1.044 |
| .5 | 1.851 | .8 | 1.387 | .1 | 1.193 | .4 | 1.101 | 34.0 | 1.041 |
| .6 | 1.837 | .9 | 1.382 | .2 | 1.191 | .5 | 1.099 | 34.5 | 1.039 |
| .7 | 1.824 | 16.0 | 1.377 | .3 | 1.188 | .6 | 1.098 | 35.0 | 1.036 |
| .8 | 1.811 | .1 | 1.372 | .4 | 1.186 | .7 | 1.097 | 35.5 | 1.034 |
| .9 | 1.798 | .2 | 1.367 | .5 | 1.184 | .8 | 1.096 | 36.0 | 1.032 |
| 11.0 | 1.785 | .3 | 1.362 | .6 | 1.181 | .9 | 1.095 | 36.5 | 1.030 |
| .1 | 1.772 | .4 | 1.357 | .7 | 1.179 | 27.0 | 1.094 | 37.0 | 1.029 |
| .2 | 1.760 | .5 | 1.352 | .8 | 1.177 | .1 | 1.093 | 37.5 | 1.027 |
| .3 | 1.748 | .6 | 1.347 | .9 | 1.175 | .2 | 1.092 | 38.0 | 1.025 |
| .4 | 1.737 | .7 | 1.343 | 22.0 | 1.173 | .3 | 1.091 | 38.5 | 1.024 |
| .5 | 1.725 | .8 | 1.338 | .1 | 1.170 | .4 | 1.090 | 39.0 | 1.023 |
| .6 | 1.714 | .9 | 1.333 | .2 | 1.168 | .5 | 1.089 | 39.5 | 1.021 |
| .7 | 1.703 | 17.0 | 1.329 | .3 | 1.166 | .6 | 1.088 | 40.0 | 1.020 |
| .8 | 1.692 | .1 | 1.325 | .4 | 1.164 | .7 | 1.087 | 40.5 | 1.019 |
| .9 | 1.681 | .2 | 1.310 | .5 | 1.162 | .8 | 1.086 | 41.0 | 1.018 |
| 12.0 | 1.671 | .3 | 1.316 | .6 | 1.160 | .9 | 1.085 | 41.5 | 1.017 |
| .1 | 1.661 | .4 | 1.312 | .7 | 1.158 | 28.0 | 1.084 | 42.0 | 1.016 |
| .2 | 1.651 | .5 | 1.308 | .8 | 1.156 | .1 | 1.083 | 42.5 | 1.015 |
| .3 | 1.641 | .6 | 1.304 | .9 | 1.154 | .2 | 1.082 | 43.0 | 1.014 |
| .4 | 1.631 | .7 | 1.300 | 23.0 | 1.152 | .3 | 1.081 | 43.5 | 1.013 |
| .5 | 1.622 | .8 | 1.296 | .1 | 1.151 | .4 | 1.080 | 44.0 | 1.013 |
| .6 | 1.612 | .9 | 1.292 | .2 | 1.149 | .5 | 1.079 | 44.5 | 1.012 |
| .7 | 1.603 | 18.0 | 1.288 | .3 | 1.147 | .6 | 1.078 | 45.0 | 1.011 |
| .8 | 1.594 | .1 | 1.284 | .4 | 1.145 | .7 | 1.077 | 46.0 | 1.010 |
| .9 | 1.586 | .2 | 1.281 | .5 | 1.143 | .8 | 1.076 | 47.0 | 1.009 |
| 13.0 | 1.577 | .3 | 1.277 | .6 | 1.141 | .9 | 1.075 | 48.0 | 1.008 |
| .1 | 1.568 | .4 | 1.273 | .7 | 1.140 | 29.0 | 1.074 | 49.0 | 1.007 |
| .2 | 1.560 | .5 | 1.270 | .8 | 1.138 | .1 | 1.073 | 50.0 | 1.006 |
| .3 | 1.552 | .6 | 1.266 | .9 | 1.136 | .2 | 1.072 | 60.0 | 1.002 |

Apr. 1 2019 Copyright 2019 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

- X.FL
- W.FL2
- W.FL
- N.FL
- U.FL
- E.FL
- H.FL
- FL
- MS-180
- MS-156C
- MS-162B
- MS-151NB
- 1.85mm
- 2.4mm
- 2.92mm
- SMPM
- SMP
- MMCX
- N
- BNC
- TNC
- HRM(SMA)
- N.UM(SMB)
- UM
- MSS
- PO6
- POB
- POD
- POD1
- PO51M_82M_21M
- PO51_PO72
- MRF14
- COMPONENT
- BNC75
- H.FL75
- PL71
- PL75
- PL76
- NF
- 変換アダプタ
- 結線工具
- 変換表

■V.S.W.R.→RETURN LOSS変換表

| V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) | V.S.W.R. | R.L (dB) |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1.005 | 52.063 | 1.205 | 20.633 | 1.405 | 15.473 | 1.605 | 12.681 | 1.805 | 10.843 |
| .010 | 46.064 | .210 | 20.443 | .410 | 15.385 | .610 | 12.626 | .810 | 10.804 |
| .015 | 42.564 | .215 | 20.259 | .415 | 15.297 | .615 | 12.572 | .815 | 10.766 |
| .020 | 40.086 | .220 | 20.079 | .420 | 15.211 | .620 | 12.518 | .820 | 10.729 |
| .025 | 38.170 | .225 | 19.903 | .425 | 15.126 | .625 | 12.465 | .825 | 10.691 |
| .030 | 36.607 | .230 | 19.732 | .430 | 15.043 | .630 | 12.412 | .830 | 10.654 |
| .035 | 35.290 | .235 | 19.564 | .435 | 14.960 | .635 | 12.360 | .835 | 10.617 |
| .040 | 34.151 | .240 | 19.401 | .440 | 14.879 | .640 | 12.308 | .840 | 10.581 |
| .045 | 33.150 | .245 | 19.241 | .445 | 14.798 | .645 | 12.257 | .845 | 10.545 |
| .050 | 32.256 | .250 | 19.085 | .450 | 14.719 | .650 | 12.207 | .850 | 10.509 |
| .055 | 31.449 | .255 | 18.932 | .455 | 14.640 | .655 | 12.157 | .855 | 10.473 |
| .060 | 30.714 | .260 | 18.783 | .460 | 14.564 | .660 | 12.107 | .860 | 10.437 |
| .065 | 30.040 | .265 | 18.636 | .465 | 14.487 | .665 | 12.058 | .865 | 10.402 |
| .070 | 29.417 | .270 | 18.493 | .470 | 14.412 | .670 | 12.009 | .870 | 10.367 |
| .075 | 28.839 | .275 | 18.353 | .475 | 14.338 | .675 | 11.960 | .875 | 10.333 |
| .080 | 28.299 | .280 | 18.216 | .480 | 14.264 | .680 | 11.913 | .880 | 10.298 |
| .085 | 27.794 | .285 | 18.081 | .485 | 14.192 | .685 | 11.865 | .885 | 10.264 |
| .090 | 27.318 | .290 | 17.949 | .490 | 14.120 | .690 | 11.818 | .890 | 10.230 |
| .095 | 26.869 | .295 | 17.819 | .495 | 14.049 | .695 | 11.772 | .895 | 10.197 |
| .100 | 26.444 | .300 | 17.692 | .500 | 13.979 | .700 | 11.725 | .900 | 10.163 |
| .105 | 26.041 | .305 | 11.567 | .505 | 13.910 | .705 | 11.680 | .905 | 10.130 |
| .110 | 25.658 | .310 | 17.445 | .510 | 13.842 | .710 | 11.634 | .910 | 10.097 |
| .115 | 25.292 | .315 | 17.325 | .515 | 13.775 | .715 | 11.589 | .915 | 10.064 |
| .120 | 24.943 | .320 | 17.207 | .520 | 13.708 | .720 | 11.545 | .920 | 10.032 |
| .125 | 24.609 | .325 | 17.091 | .525 | 13.642 | .725 | 11.501 | .925 | 10.000 |
| .130 | 24.289 | .330 | 16.977 | .530 | 13.577 | .730 | 11.457 | 2.000 | 9.542 |
| .135 | 23.981 | .335 | 16.865 | .535 | 13.513 | .735 | 11.413 | 2.100 | 8.999 |
| .140 | 23.686 | .340 | 16.755 | .540 | 13.449 | .740 | 11.370 | 2.200 | 8.519 |
| .145 | 23.401 | .345 | 16.647 | .545 | 13.386 | .745 | 11.328 | 2.300 | 8.091 |
| .150 | 23.127 | .350 | 16.540 | .550 | 13.324 | .750 | 11.285 | 2.400 | 7.707 |
| .155 | 22.862 | .355 | 16.435 | .555 | 13.262 | .755 | 11.244 | 2.500 | 7.360 |
| .160 | 22.607 | .360 | 16.332 | .560 | 13.201 | .760 | 11.202 | 2.600 | 7.044 |
| .165 | 22.360 | .365 | 16.231 | .565 | 13.141 | .765 | 11.161 | 2.700 | 6.755 |
| .170 | 22.120 | .370 | 16.131 | .570 | 13.081 | .770 | 11.120 | 2.800 | 6.490 |
| .175 | 21.888 | .375 | 16.033 | .575 | 13.022 | .775 | 11.079 | 2.900 | 6.246 |
| .180 | 21.664 | .380 | 15.936 | .580 | 12.964 | .780 | 11.039 | 3.000 | 6.021 |
| .185 | 21.446 | .385 | 15.841 | .585 | 12.906 | .785 | 10.999 | 3.500 | 5.105 |
| .190 | 21.234 | .390 | 15.747 | .590 | 12.849 | .790 | 10.960 | 4.000 | 4.437 |
| .195 | 21.028 | .395 | 15.654 | .595 | 12.792 | .795 | 10.920 | 4.500 | 3.926 |
| .200 | 20.828 | .400 | 15.563 | .600 | 12.736 | .800 | 10.881 | 5.000 | 3.522 |

$$R.L.=20 \log_{10} \frac{V.S.W.R.+1}{V.S.W.R.-1}$$

$$V.S.W.R.=\frac{10^{\frac{R.L}{20}}+1}{10^{\frac{R.L}{20}}-1}$$

●R.L:Return Loss (dB)

●V.S.W.R.:Voltage Standing Wave Ratio

Apr. 1. 2019 Copyright 2019 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

X.FL
W.FL2
W.FL
N.FL
U.FL
E.FL
H.FL
FL

MS-180
MS-156C
MS-162B
MS-151NB

1.85mm
2.4mm
2.92mm
SMPM
SMP

MMCX
N
BNC
TNC
HRM(SMA)
N.UM(SMB)

UM
MSS
PO6
POB
POD
POD1

PO51M_82M_21M
PO51_PO72
MRF14

COMPONENT

BNC75
H.FL75
PL71
PL75
PL76
NF

変換アダプタ

結線工具

変換表

■デシベル表

| dB | Power Ratio | | Current Ratio | | dB | Power Ratio | | Current Ratio | |
|-----|-------------|------|---------------|------|------|-------------|---------|---------------|--------|
| | Gain | Loss | Gain | Loss | | Gain | Loss | Gain | Loss |
| 0.1 | 1.023 | .977 | 1.015 | .990 | 6.0 | 3.98 | .251 | 1.995 | .501 |
| 0.2 | 1.047 | .955 | 1.023 | .977 | 6.1 | 4.07 | .246 | 2.009 | .496 |
| 0.3 | 1.072 | .933 | 1.035 | .967 | 6.2 | 4.17 | .240 | 2.04 | .490 |
| 0.4 | 1.096 | .912 | 1.047 | .955 | 6.3 | 4.27 | .234 | 2.06 | .485 |
| 0.5 | 1.122 | .891 | 1.059 | .945 | 6.4 | 4.37 | .229 | 2.09 | .479 |
| 0.6 | 1.148 | .871 | 1.072 | .933 | 6.5 | 4.47 | .224 | 2.11 | .474 |
| 0.7 | 1.175 | .851 | 1.083 | .924 | 6.6 | 4.57 | .219 | 2.14 | .468 |
| 0.8 | 1.202 | .832 | 1.096 | .912 | 6.7 | 4.68 | .214 | 2.16 | .463 |
| 0.9 | 1.230 | .813 | 1.109 | .903 | 6.8 | 4.79 | .209 | 2.19 | .457 |
| 1.0 | 1.259 | .794 | 1.122 | .891 | 6.9 | 4.90 | .204 | 2.21 | .452 |
| 1.1 | 1.288 | .776 | 1.134 | .882 | 7.0 | 5.01 | .200 | 2.24 | .447 |
| 1.2 | 1.318 | .759 | 1.148 | .871 | 7.1 | 5.13 | .195 | 2.26 | .442 |
| 1.3 | 1.349 | .741 | 1.160 | .862 | 7.2 | 5.25 | .191 | 2.29 | .437 |
| 1.4 | 1.380 | .724 | 1.175 | .851 | 7.3 | 5.37 | .186 | 2.32 | .432 |
| 1.5 | 1.413 | .708 | 1.188 | .843 | 7.4 | 5.50 | .182 | 2.34 | .427 |
| 1.6 | 1.445 | .692 | 1.202 | .832 | 7.5 | 5.62 | .178 | 2.37 | .422 |
| 1.7 | 1.479 | .676 | 1.215 | .823 | 7.6 | 5.75 | .174 | 2.40 | .417 |
| 1.8 | 1.514 | .661 | 1.230 | .813 | 7.7 | 5.89 | .170 | 2.42 | .412 |
| 1.9 | 1.549 | .645 | 1.243 | .805 | 7.8 | 6.03 | .166 | 2.45 | .407 |
| 2.0 | 1.585 | .631 | 1.259 | .794 | 7.9 | 6.17 | .162 | 2.48 | .403 |
| 2.1 | 1.622 | .617 | 1.272 | .786 | 8.0 | 6.31 | .159 | 2.51 | .398 |
| 2.2 | 1.660 | .603 | 1.288 | .776 | 8.1 | 6.46 | .155 | 2.54 | .394 |
| 2.3 | 1.698 | .589 | 1.302 | .768 | 8.2 | 6.61 | .151 | 2.57 | .388 |
| 2.4 | 1.738 | .575 | 1.318 | .755 | 8.3 | 6.76 | .148 | 2.60 | .385 |
| 2.5 | 1.778 | .562 | 1.331 | .751 | 8.4 | 6.92 | .145 | 2.63 | .380 |
| 2.6 | 1.820 | .550 | 1.349 | .741 | 8.5 | 7.08 | .141 | 2.66 | .376 |
| 2.7 | 1.862 | .537 | 1.363 | .734 | 8.6 | 7.24 | .138 | 2.69 | .372 |
| 2.8 | 1.905 | .525 | 1.380 | .724 | 8.7 | 7.41 | .135 | 2.72 | .368 |
| 2.9 | 1.950 | .513 | 1.395 | .717 | 8.8 | 7.59 | .132 | 2.75 | .363 |
| 3.0 | 1.995 | .501 | 1.413 | .708 | 8.9 | 7.76 | .129 | 2.78 | .359 |
| 3.1 | 2.04 | .490 | 1.428 | .701 | 9.0 | 7.94 | .126 | 2.82 | .355 |
| 3.2 | 2.09 | .479 | 1.445 | .692 | 9.1 | 8.13 | .123 | 2.85 | .351 |
| 3.3 | 2.14 | .468 | 1.462 | .685 | 9.2 | 8.32 | .120 | 2.88 | .347 |
| 3.4 | 2.19 | .457 | 1.479 | .676 | 9.3 | 8.51 | .118 | 2.91 | .343 |
| 3.5 | 2.24 | .447 | 1.493 | .670 | 9.4 | 8.71 | .115 | 2.95 | .339 |
| 3.6 | 2.29 | .437 | 1.514 | .661 | 9.5 | 8.91 | .112 | 2.98 | .335 |
| 3.7 | 2.34 | .427 | 1.525 | .654 | 9.6 | 9.12 | .110 | 3.02 | .331 |
| 3.8 | 2.40 | .417 | 1.543 | .645 | 9.7 | 9.33 | .107 | 3.05 | .328 |
| 3.9 | 2.46 | .407 | 1.564 | .640 | 9.8 | 9.55 | .105 | 3.09 | .324 |
| 4.0 | 2.51 | .398 | 1.585 | .631 | 9.9 | 9.77 | .102 | 3.12 | .320 |
| 4.1 | 2.57 | .389 | 1.600 | .625 | 10.0 | 10.0 | .100 | 3.16 | .316 |
| 4.2 | 2.63 | .380 | 1.622 | .617 | 11.0 | 12.6 | .0794 | 3.55 | .282 |
| 4.3 | 2.69 | .372 | 1.640 | .610 | 12.0 | 15.9 | .063 | 3.98 | .251 |
| 4.4 | 2.75 | .363 | 1.660 | .603 | 13.0 | 20.0 | .0501 | 4.47 | .224 |
| 4.5 | 2.82 | .355 | 1.677 | .597 | 14.0 | 25.1 | .0398 | 5.01 | .200 |
| 4.6 | 2.88 | .347 | 1.698 | .589 | 15.0 | 31.6 | .0316 | 5.62 | .176 |
| 4.7 | 2.95 | .339 | 1.716 | .583 | 16.0 | 39.8 | .0251 | 6.31 | .158 |
| 4.8 | 3.02 | .331 | 1.738 | .575 | 17.0 | 50.1 | .0200 | 7.08 | .142 |
| 4.9 | 3.09 | .324 | 1.755 | .570 | 18.0 | 63.1 | .0159 | 7.94 | .126 |
| 5.0 | 3.16 | .316 | 1.778 | .562 | 19.0 | 79.4 | .0126 | 8.91 | .112 |
| 5.1 | 3.24 | .309 | 1.798 | .556 | 20.0 | 100. | .01 | 10.00 | .100 |
| 5.2 | 3.31 | .302 | 1.820 | .550 | 25.0 | 316. | .00316 | 17.80 | .0562 |
| 5.3 | 3.39 | .295 | 1.840 | .544 | 30.0 | 1000. | .001 | 31.6 | .0316 |
| 5.4 | 3.47 | .288 | 1.862 | .537 | 35.0 | 3160. | .000316 | 56.2 | .0178 |
| 5.5 | 3.55 | .282 | 1.883 | .531 | 40.0 | 10000. | .0001 | 100. | .0100 |
| 5.6 | 3.63 | .275 | 1.906 | .525 | 45.0 | 31600. | .000031 | 178. | .00562 |
| 5.7 | 3.72 | .269 | 1.926 | .519 | 50.0 | 100000. | .00001 | 316. | .00316 |
| 5.8 | 3.80 | .263 | 1.950 | .513 | 55.0 | 316000. | .000003 | 562. | .00178 |
| 5.9 | 3.89 | .257 | 1.970 | .507 | 60.0 | 1000000. | .000001 | 1000. | .00100 |

Apr. 1 2019 Copyright 2019 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

- X.FL
- W.FL2
- W.FL
- N.FL
- U.FL
- E.FL
- H.FL
- FL
- MS-180
- MS-156C
- MS-162B
- MS-151NB
- 1.85mm
- 2.4mm
- 2.92mm
- SMPM
- SMP
- MMCX
- N
- BNC
- TNC
- HRM(SMA)
- N.UM(SMB)
- UM
- MSS
- PO6
- POB
- POD
- POD1
- PO51M_82M_21M
- PO51_PO72
- MRF14
- COMPONENT
- BNC75
- H.FL75
- PL71
- PL75
- PL76
- NF
- 変換アダプタ
- 結線工具
- 変換表